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ONE HUNDRED AND SEVENTEENTH  
ANNUAL REPORT

OF THE

**South Carolina State  
Hospital**

For The Year Ending June 30, 1940

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PRINTED UNDER THE DIRECTION OF THE  
JOINT COMMITTEE ON PRINTING  
GENERAL ASSEMBLY OF SOUTH CAROLINA

ONE HUNDRED AND SEVENTEENTH  
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**South Carolina State  
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GENERAL ASSEMBLY OF SOUTH CAROLINA



# OFFICERS OF THE HOSPITAL

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A. W. Reynolds.....	Aiken
Dan'l L. Sinkler.....	Charleston
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Senior Assistant Physicians, State Park

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WM. M. FOX, M. D.

JOE E. FREED, M. D.

WM. S. HALL, M. D.

R. S. MATTHEWS, M. D.

CATHERINE N. MUNRO, M. D.

Assistant Physicians

J. T. CUTTINO, M. D.

Assistant Physician and Pathologist

C. M. DOUGLAS, D. D. S.

Dentist

E. R. HARRIS

Pharmacist

H. C. ALLISON

Technician Laboratory-X-ray

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H. T. PATTERSON

Treasurer-Secretary of the Board

T. F. STEVENSON

Assistant Treasurer

REV. J. OBERT KEMPSON

Chaplain

## CONSULTING STAFF

### Surgery

GEORGE BENET, M. D.  
GEORGE BUNCH, M. D.  
ROGER G. DOUGHTY, M. D.  
LeGRAND GUERRY, M. D.

### Internal Medicine

J. H. GIBBES, M. D.  
O. B. MAYER, M. D.  
F. EUGENE ZEMP, M. D.

### Gynecology

R. E. SEIBELS, M. D.

### Urology

W. R. BARRON, M. D.  
W. T. BARRON, M. D.  
JAMES E. BOONE, M. D.  
J. McMAHAN DAVIS, M. D.  
HUGH E. WYMAN, M. D.  
M. H. WYMAN, M. D.

### Pediatrics

E. W. BARRON, M. D.  
THOS. D. DOTTERER, M. D.  
Eye, Ear, Nose, and Throat  
DAVID S. ASBILL, M. D.  
W. J. BRISTOW, M. D.  
B. D. CAUGHMAN, M. D.

### Orthopedic Surgery

W. A. BOYD, M. D.  
AUSTIN T. MOORE, M. D.

### Dermatology

J. R. ALLISON, M. D.

### Rontgenology

MALCOLM MOSTELLER, M. D.  
T. A. PITTS, M. D.  
H. H. PLOWDEN, M. D.

### Pathology

K. M. LYNCH, M. D.





## REPORT OF THE REGENTS

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Columbia, S. C., July 1, 1940.

*To His Excellency, Burnet R. Maybank, Governor of South Carolina:*

In accordance with the statutory requirements the one hundred and seventeenth annual report of the South Carolina State hospital for the year ending June 30, 1940, together with the superintendent's report giving in detail the operations of the several departments, is respectfully submitted.

It is a source of gratification that the Board can report the year's operations in general as progressive.

It is deeply concerned that the overcrowded conditions continue in spite of all efforts to restrict admissions during the year. This situation is most serious, and we feel that it cannot be called too vigorously to your attention and that of the General Assembly. The Board has had many appeals by petitions and by individuals for the admission of persons whom it felt and knew needed the hospital's care, but because of the extreme overcrowding the superintendent was instructed to restrict admissions as far as possible, giving preference to those of young age in whom there is reasonable hope of benefit or cure, and to those who are sources of danger to themselves or the public and who cannot be cared for elsewhere.

The official maximum housing capacity of the hospital of 3752 patients has not been increased during the year, but the population of the hospital has increased by 57 patients and on June 30, 1940 was 4529.

The overcrowding in all departments is as follows:

Department .....	W.M.	W.F.	C.M.	C.F.	TOTAL
Census June 30, 1940.....	1138	1233	1114	1044	4529
Capacity .....	949	1083	913	807	3752
Overcrowding .....	189	150	201	237	777
Percentage of overcrowding.....	19.9	13.8	22.	28.1	20.7

It is obvious that this condition should not continue indefinitely. We, therefore, recommend and earnestly urge that buildings be provided to take care of 300 white men; 200 white women; 250 colored men and 250 colored women—a total of 1000 patients.



Even this would provide but little room for expansion, but in view of the economic situation of the State it is our desire to request only that which we feel is absolutely necessary. The estimated cost of these buildings will be \$540,000.00.

We believe that the demand for admission to the hospital will increase for the next few years. The United States census shows that the average State in the Union is taking care of 282.9 persons for each 100,000 of the population, while South Carolina is taking care of only 204.9.

During the year we have been forced to deny admission to 222 persons, many of these after the most pathetic appeals had been made to the superintendent and the Board.

The Board wishes to commend the superintendent, the medical staff and the entire personnel of the hospital for faithful service to the patients. This is reflected in the lowering of the death rate and in the discharge of more patients than in the preceding years.

Your attention is respectfully called to the increasing number of inebriates who are being committed to the hospital. These persons are declared insane in the medical certificate of insanity and sent to the hospital upon the order of the probate judge, most of them being declared homicidal. They are accepted and alcoholics immediately withdrawn. They soon return to normal, and after thirty days, being diagnosed by the medical staff as not insane, are forthwith discharged from the hospital. Some provision should be made by which the hospital could be relieved of the care of persons of this type.

The Board is heartily in sympathy with the research activities carried on by members of the medical staff and is encouraging these so far as finances permit.

We wish to record our appreciation of the painstaking and excellent research being conducted by the United States Public Health Service at the hospital. The doctors and other members of the research staff cooperate fully with the staff of the hospital, and in the opinion of the Board and of the superintendent the work being done is thorough and most stimulating to the members of the staff and to the medical fraternity in the State.

The Legislature in 1939 placed the State Training School at Clinton under the supervision of the Board of Regents. Since that time the Board has given careful thought and study to the



situation confronting the two institutions in attempting to correlate the work in caring for the different types of patients. It is our opinion, based upon expert advice and our own experience, that it would be helpful and advisable to have separate buildings for epileptics, both white and colored, and since the care of this type of patient is more nearly akin to that of the mentally deficient, it is our opinion that such buildings should be erected as a part of the State Training School.

The State has made no provision at Clinton for the Negro mental defectives, and in view of the distressing situation which occurred in many parts of the State in regard to this type of patients, the Board of Regents has instructed the superintendent to accept some of the most extreme and distressing cases, and they are at State Park with the Negro insane. This is not a satisfactory situation, so far as the care of both types of patients is concerned, as the care is necessarily different for the two types. If it were possible for the State to provide funds to erect suitable buildings at Clinton to care for the Negro mental defectives and epileptics they could be better cared for there, and the space occupied by them at State Park would be free for the use of the Negro insane. This would simplify and improve the treatment of both types of patients.

We are glad to report that, without lowering the standards of the hospital in the treatment of the patients, we were able to close the year with all accounts paid. With the help of the Works Progress Administration the physical properties of the institution were maintained and not permitted to deteriorate, and we wish to record our appreciation of the cooperation shown the hospital by the Works Progress Administration officials.

May we also express our thanks to you and to the other State and county officials for the splendid cooperation we have had throughout the year in all matters pertaining to the hospital and its patients?

At the commencement exercises in 1940 the University of South Carolina conferred the honorary degree of Doctor of Law upon the superintendent of the hospital, Dr. C. F. Williams.

The Board feels that this is a well merited recognition of the outstanding work done by Dr. Williams for the people of South Carolina, and this award by the University is highly appreciated.



In conclusion, the Board with grateful heart reports that during the year the institution suffered no unusual epidemic, and that when the type of patients in the institution is taken into consideration, the Board feels that the health record is creditable, and once more is an evidence of the unfailing care given the patients by the medical staff, nurses, attendants, and all connected with the institution.

Respectfully submitted

CHRISTIE BENET, Chairman,  
A. W. REYNOLDS  
DAN'L L. SINKLER  
E. P. VANDIVER  
JOHN A. ZEIGLER

Board of Regents, South Carolina State Hospital.

## REPORT OF THE SUPERINTENDENT

Columbia, S. C., July 1, 1940.

*To the Board of Regents of the South Carolina State Hospital,  
Columbia, S. C.*

Gentlemen: In compliance with your requirements the annual report for the fiscal year ending June 30, 1940 is herewith respectfully submitted:

### GENERAL STATISTICS

July 1, 1939 Through June 30, 1940

	White Males	White Females	Colored Males	Colored Females	Total
Patients on books of hospital at beginning of hospital year	1,439	1,571	1,231	1,169	5,410
Admissions during twelve months:					
First admissions.....	369	264	231	181	1,045
Re-admissions .....	108	90	22	33	253
Total received during twelve months.....	477	354	253	214	1,298
Total on books during twelve months.....	1,916	1,925	1,484	1,383	6,708
Discharged from books during twelve months.....	411	307	158	150	1,026
As recovered.....	18	69	22	52	161
As improved.....	257	203	113	75	648
As unimproved.....	11	8	....	6	25
As without psychoses.....	125	27	23	17	192
Died during twelve months.....	94	80	111	61	346
Total discharged and died during twelve months.....	505	387	269	211	1,372
Patients remaining on books of hospital at end of hos- pital year.....	1,411	1,538	1,215	1,172	5,336
In hospital.....	1,138	1,233	1,114	1,044	4,529
On parole or otherwise absent.....	275	303	101	128	807

### ADMISSIONS

New admissions during the year numbered 1,045, and readmissions 253, making a total of 1,298. Of these 477 were white men; 354 white women; 253 colored men; and 214 colored women. Compared with the last fiscal year there was a slight decrease in the admissions.

The census at the beginning of the year was 4,472 and at the end was 4,529.

The largest group of first admissions was diagnosed manic depressive psychosis; the second largest dementia praecox.

During the year it was necessary to deny admission to 222 persons in an effort to prevent further overcrowding and to provide room for the more acute and disturbed cases.



With the maximum official capacity of the hospital 3,752 and the census on the last day of the fiscal year 4,529, it can readily be seen that overcrowding to an alarming degree still exists even though many were refused admission.

## DEATHS

During the year 346 deaths occurred; 94 white men or 4.9%; 80 white women or 4.2%; 111 colored men or 7.5%; and 61 colored women or 4.4%.

Based upon the entire number under treatment the death rate was 5.1%, which is somewhat lower than for the previous year.

## DISCHARGES

There were 1,026 patients discharged from the books. Of these 161 were considered as recovered; 648 improved; and 25 unimproved.

Of the 192 without psychosis, 94 were alcoholics; 10 drug addicts; 32 mental defectives and others 29. In the last group are included persons transferred from various State institutions for mental observation and Court cases found to be without mental disorder.

## GENERAL HEALTH

The health of the patients and employees was good, for which gratitude is felt.

With regret 5 suicides among the patients are reported: 1 white man hung himself and another died as the result of self-administered lye prior to admission. The 3 white women died as the result of strangulation.

The death of the following employees is deplored:

Mrs. J. P. Rogers, clerk in the treasurer's office since April 1, 1930, passed away on Jan. 18, 1940.

Jackson Ford, carpenter since February 1918, died on September 7, 1939.

Elliott Kibler, laborer in the yard, who had been with the hospital since May 6, 1929, died November 4, 1939.

Collie Long, who came to the hospital as an attendant on February 14, 1938, passed away April 22, 1940.

John Huggins, a carpenter since September 3, 1923, died on June 24, 1940.

All of these employees by their faithfulness and loyalty had rendered valuable service to the institution and their death is regretted.

## MEDICAL DEPARTMENT

The medical department carried on its work in a satisfactory manner. Staff meetings were held regularly four mornings each week to consider new patients from the diagnostic and therapeutic standpoint, and the paroling of those recovered and improved.

On July 4, 1939 Dr. Buford S. Chappell of Richland county reported for duty as an assistant physician. An alumnus of the University of South Carolina, Dr. Chappell graduated at the Medical College of the State of South Carolina in June 1938. During his senior year he served a general rotating internship in St. Francis Xavier Infirmary in Charleston and during the past year was an intern in the University of Kansas Hospitals, Kansas City.

Mr. George F. McInnes of Charleston, rising senior at the Medical College of the State of South Carolina, left the hospital on August 23 after having been here since July 1 as a junior intern.

On September 12, 1939 Mr. James T. Flynn, Jr., of Spartanburg, rising senior at the Medical College of the State of South Carolina, left the service. He had been here since June 15 as a junior intern.

On April 1, 1940 Dr. R. S. Matthews, assistant physician, returned to the hospital from Boston where he had been engaged since February 1, 1939 in the special study of neurology and neuropathology at the Boston City Hospital and neighboring institutions. He had the distinct honor of being awarded a fellowship by the Rockefeller Foundation, the only one ever given a physician in South Carolina.

On April 1, 1940 Dr. J. T. Cuttino began a three months' leave of absence to take a course in pathology at St. Elizabeth's Hospital in Washington, D. C.

Mr. Lloyd F. Timberlake, Columbia, rising senior, Duke University School of Medicine, Durham, N. C., reported for duty on June 27, 1940 as a junior intern during the summer.

Students from the University of South Carolina, Clemson, Furman, the Presbyterian College, Benedict College and Allen



University, visited the hospital and attended clinics on mental diseases conducted by members of the medical staff.

### SURGICAL DEPARTMENT

The number and nature of the operations performed by the consulting and resident staff will be found in the following tables.

Appreciation is expressed to members of the consulting staff for their cheerful response to calls.

Operations were performed upon 5 white men and 1 colored woman from the South Carolina State Penitentiary who remained in the hospital a total of 300 days.

## OPERATIONS PERFORMED

	Patients					Employees				
	W.M.	W.F.	C.M.	C.F.	T.	W.M.	W.F.	C.M.	C.F.	T.
Appendectomy .....	1	3	1	..	5	..	2	..	..	2
Blood transfusion.....	..	2	..	..	2	3	..	..	..	3
Cholelithotomy .....	..	1	..	..	1	..	..	..	..	..
Cyst:										
eye removed, incision										
and drainage.....	..	..	..	1	1	..	..	..	..	..
Curettage:										
Carbuncle, neck.....	1	..	..	..	1	..	..	..	..	..
Decompression .....	..	..	..	..	..	..	..	1	..	1
Drainage, perforated gas-										
tric ulcer.....	1	..	..	..	1	..	..	..	..	..
Excision:										
cyst, neck.....	1	..	..	..	1	1	1	..	..	2
cyst, shoulder.....	1	..	..	..	1	..	..	..	..	..
mole, face.....	..	..	..	..	..	..	1	..	..	1
tumor, chest.....	..	..	1	..	1	..	..	..	..	..
tumor, finger.....	..	1	..	..	1	..	..	..	..	..
toe nail.....	1	..	..	..	1	2	..	..	..	2
Exploratory laparotomy..	..	2	..	..	2	..	..	..	..	..
ovarian cyst.....	..	..	..	..	..	..	..	..	1	1
resection of small in-										
testine .....	..	1	..	..	1	..	..	..	..	..
Hemorrhoidectomy .....	6	2	..	..	8	2	..	..	..	2
Herniotomy .....	1	1	..	..	2	..	1	3	..	4
Hydrocele .....	..	..	1	..	1	..	..	..	..	..
hydrocele and repair of										
hernia .....	1	..	..	..	1	..	..	..	..	..
Hysterectomy .....	..	2	..	1	3	..	..	..	1	1
Incision and drainage:										
abscess, arm.....	1	..	..	..	1	..	..	..	..	..
abscess, eye.....	..	..	..	1	1	..	..	..	..	..
abscess, leg.....	..	1	..	..	1	..	..	..	..	..
Orchidectomy .....	..	..	..	..	..	..	..	1	..	1
Removal of neuofybroma										
cyst arm and										
leg .....	..	..	..	..	..	..	1	..	..	1
Rectal fistula.....	..	..	..	..	..	1	..	..	..	1
Suturing of incisional										
drainage, shoulder....	..	..	..	..	..	..	..	1	..	1
eye lid.....	..	..	1	..	1	..	..	..	..	..
lacerated throat.....	1	..	..	..	1	..	..	..	..	..
Trephine (brain tumor) ...	1	..	..	..	1	..	..	..	..	..
Thoroctomy .....	..	1	..	..	1	..	..	..	..	..
TOTAL .....	16	18	4	3	41	9	6	6	2	23



## ORTHOPEDICS

	Patients					Employees				
	W.M.	W.F.	C.M.	C.F.	T.	W.M.	W.F.	C.M.	C.F.	T.
Amputation:										
toe .....	1	..	..	..	1	..	..	..	..	..
Closed reduction and ap- plication of cast for fracture:										
ankle .....	1	1	..	..	2	..	1	..	..	1
arm .....	2	..	..	1	3	..	..	..	..	..
foot .....	..	1	..	..	1	..	..	..	..	..
hand .....	..	..	..	..	..	1	..	..	..	1
hip .....	1	1	..	..	2	..	..	..	..	..
humerus .....	1	..	..	..	1	..	..	..	..	..
leg .....	..	1	..	..	1	..	..	..	..	..
os calcis.....	..	1	..	..	1	..	..	..	..	..
patella .....	..	1	..	..	1	..	..	..	..	..
radius .....	1	..	..	..	1	..	..	..	..	..
tibia .....	..	1	..	..	1	..	..	..	..	..
wrist .....	2	5	..	..	7	..	..	..	..	..
Open reduction, fracture:										
hip .....	1	..	..	..	1	..	..	..	..	..
Reduction of fracture and insertion of pins:										
hip .....	1	6	..	..	7	..	..	..	..	..
dislocated elbow.....	..	1	..	1	2	..	..	..	..	..
TOTAL .....	11	19	..	2	32	1	1	..	..	2

OPERATIONS PERFORMED ON PATIENTS FROM THE SOUTH  
CAROLINA STATE PENITENTIARY

	W.M.	W.F.	C.M.	C.F.	T
Appendectomy .....	2	..	..	..	2
Caesarian section.....	..	..	..	1	1
Gastric ulcer, sippy diet.....	1	..	..	..	1
Herniotomy .....	2	..	..	..	2
Medical attention and X-ray treatment.....	6	..	..	..	6
TOTAL .....	11	..	..	1	12

These patients remained in the hospital a total of 300 days.

OPERATIONS PERFORMED ON PATIENTS FROM THE  
SOUTH CAROLINA INDUSTRIAL SCHOOL  
FOR GIRLS

None.

UROLOGICAL AND ANTI-SYPHILITIC WORK

Doses:	White Men	White Women	Colored Men	Colored Women	Total
Arsphenamine .....	36	.....	.....	.....	36
Bismuth lauryl.....	144	27	.....	.....	171
Bismuth sodium tartrate....	332	126	.....	548	1,006
Mapharsen .....	.....	.....	743	.....	743
Neoarsphenamine .....	314	150	.....	.....	464
Sulpharsphenamine .....	.....	.....	50	604	654
Tartar emetic.....	.....	.....	.....	.....	.....
Thio bismol.....	.....	.....	974	.....	974
Tryparsamide .....	198	.....	.....	105	303
TOTAL .....	1,024	303	1,767	1,257	4,351
Malaria .....	25	5	41	11	82

EXAMINATIONS AND TREATMENTS

	White Men	White Women	Colored Men	Colored Women	Total
Bladder irrigation.....	24	17	.....	.....	41
Cauterization of cervix.....	.....	2	.....	.....	2
Cystoscopic examination....	2	15	.....	2	19
Dilatation of urethra.....	.....	2	.....	.....	2
Indwelling catheter.....	1	2	.....	.....	3
Prostatic massage.....	1	.....	.....	.....	1
Radium application.....	.....	2	.....	.....	2
Rectal examination .....	1	.....	.....	.....	1
Vaginal examination.....	.....	3	.....	.....	3
TOTAL .....	29	43	.....	2	74

EYE, EAR, NOSE AND THROAT DEPARTMENT

Eye

	Patients	Employees
Corneal ulcer.....	2	3
Eye ground examinations.....	1,408	59
External diseases, all types.....	80	40
Foreign bodies removed.....	3	11
Meibomian cyst removed.....	4	2
Papilloma removed from lid.....	2	.....
Pterygium operation.....	2	.....
Refractions—cycloplegic .....	51	83



Refractions—simple .....	99	16
Trauma—various parts of eye.....	28	6
Visual fields.....	....	1
Glasses furnished by the South Carolina State Hospital .....	144	....
Glasses repaired through the hospital.....	41	59

### Ear

Absessed lobe.....	....	1
Cerumen or wax removed.....	204	8
Foreign bodies removed.....	5	....
Inflation Eustachian tube.....	8	6
Irrigations .....	157	14
Myringotomy .....	9	6
Otitis media, all types.....	66	27
Otitis externa, all types.....	41	14
Perichondritis .....	6	....
Routine examinations.....	784	51
Trauma .....	7	2

### NOSE AND THROAT

Biopsy specimen obtained from nasal septum.....	....	1
Burn of pharynx and esophagus—chemical.....	1	....
Epistaxis .....	5	4
Incision, abscess—tip of nose.....	....	1
Nasal carbuncle.....	....	1
Naso-pharyngitis, all types.....	75	77
Papilloma, nasal.....	1	....
Papilloma, pharyngeal.....	1	....
Peritonsillar abscess.....	2	1
Routine examinations.....	859	167
Shrinkage of congested nasal mucosa.....	209	140
Sinusitis, all types.....	18	16
Trauma .....	1	....
Tonsillitis, all types.....	21	16
Tonsillectomies .....	35	54
Vincent's infection.....	9	8

### LABORATORIES

Wassermann on blood.....	2,956
Wassermann on spinal fluid.....	1,057
Wassermann on other than patients.....	297
Routine examination spinal fluid.....	1,057

*Blood:*

Bromides .....	1,023
Clotting time.....	102
Color index.....	109
Creatinnine .....	3
Cultures .....	50
Erythrocytes .....	791
Haemoglobin .....	780
Icterus index.....	4
Leucocytes .....	903
Malaria .....	224
Matching and typing.....	190
Sugar .....	980
Urea .....	149

*Smears:*

Granuloma smear .....	1
Ear .....	4
Eye .....	2
Lung abscess.....	2
Prostate .....	2
Spinal fluid smear.....	1
Throat .....	14
Urethral .....	11
Urine .....	5
Vaginal .....	16
Vincent's angina.....	19

*Analysis:*

Colloidal gold.....	33
Feces .....	342
Gastric .....	4
Gum mastic.....	15
Quaenitative sugar—(spinal fluid).....	4
Quaenitative protein—(spinal fluid).....	13
Sputum .....	42
Throat smears.....	14
Urinalysis .....	3,347
P. H. ....	18
P. S. P. ....	5



Preparation of metrazol.....	c. c. 14,000
Preparation of intravenous sulfapyridine.....	c. c. 200
Preparation of nicotinic acid.....	c. c. 11,000
Innocation of guinea pig with urine.....	2
Culture of feces.....	1
Acetone .....	14
Diacetic acid.....	7
Sections cut and stained.....	1,823

### X-RAY

X-ray exposures.....	831
X-ray treatments.....	6
Fluoroscopic examinations.....	8
Basal metabolic tests.....	6

### PHYSIOTHERAPY

Mercury quartz light treatments.....	80
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PERCENTAGE OF POSITIVE BLOOD WASSERMANN'S  
From July 1, 1939 Through June 30, 1940

White Men			White Women			Colored Men			Colored Women		
Positive	Negative	Per Cent	Positive	Negative	Per Cent	Positive	Negative	Per Cent	Positive	Negative	Per Cent
41	602	6.5	26	503	4.9	177	676	20.6	137	794	17.3

PERCENTAGE OF POSITIVE SPINAL FLUID WASSERMANN'S

26	88	22.8	8	41	16.3	73	704	9.4	20	97	20.7
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### PATHOLOGY

The following is the report of the pathologist of the 78 autopsies performed during the year.

## CAUSES OF DEATH OF 78 AUTOPSIES

*Brain:*

Tumor (meningioma).....	1
Hemorrhage:	
Subdural .....	4
Cerebral .....	4
Infarction .....	3
Syphilitic meningo-encephalitis.....	3

*Heart:*

Cononary thrombosis .....	2
Congestive heart failure .....	1
Hypertensive cardio vascular disease with decompensation .....	3

*Lungs:*

Lobar pneumonia .....	5
Broncho pneumonia .....	4
Pulmonary tuberculosis .....	14
Pulmonary abscess and empyema .....	1
Generalized tuberculosis .....	2

*Larynx:*

Carcinoma with metastasis.....	1
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*Intestines:*

Perforation with peritonitis .....	2
Obstruction (adhesions).....	1

*Rectum:*

Adenocarcinoma with metastasis.....	1
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*Pancreas:*

Acute hemorrhagic pancreatitis.....	1
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*Kidneys:*

Glomerulonephritis, chronic.....	9
Pyelitis .....	1
Hydronephrosis .....	1
General arteriosclerosis .....	12
Pellagra .....	1
Exophthalmic goitre .....	1
Syphilitic meningo-encephalitis (general paresis) .....	11



## ANATOMICAL DIAGNOSIS

*Brain:*

Hemorrhage:	
Subdural .....	3
Cerebral .....	4
Infarction .....	2
Tumor:	
Meningioma .....	1
Meningio vascular syphilis.....	4

*Heart:*

Hypertrophy .....	8
Dilatation .....	10
Myocardial degeneration .....	2
Valvular insufficiency.....	2
Anasarca .....	2
Coronary thrombosis .....	2

*Aorta:*

Atheromatosis .....	26
Syphilis .....	
Aneurysm .....	4

*Lungs:*

Pneumonia:	
Lobar .....	6
Lobular .....	10
Terminal .....	2
Tuberculosis .....	17
Abscess .....	2
Empyema .....	2
Bronchiectasis .....	1
Emphysema .....	1

*Stomach:*

Rupture .....	1
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*Intestines:*

Infarction .....	2
Tuberculosis .....	1
Obstruction .....	2
Parasites (ascaris).....	4

*Liver:*

Atrophy .....	1
Degeneration (fatty).....	5
Cirrhosis .....	4
Abscess .....	1

*Gall Bladder:*

Cholelithiasis .....	6
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*Pancreas:*

Acute pancreatitis.....	2
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*Kidneys:*

## Glomerulonephritis:

Acute .....	1
Chronic .....	28
Pyelitis .....	3
Arteriosclerotic (senile) .....	5
Tuberculosis .....	2
Pyelonephritis .....	1
Hydronephrosis .....	2

*Bladder:*

Cystitis .....	2
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*Prostate:*

Prostatitis .....	1
Benign hypertrophy.....	1

*Uterus:*

Fibromyomata .....	4
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*Peritonitis:*

Acute .....	1
Tuberculosis .....	4
<i>Hydrocoele</i> .....	1
<i>Exophthalmic goitre</i> .....	1

*Traumata:*

## Fracture:

Radius .....	1
2nd vertebra .....	1
6th rib .....	1

## Dislocation:

Clavicle .....	1
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*Laceration:*

Eye-brow .....	2
Right arm .....	1

*Carcinoma:*

Rectum .....	1
Larynx .....	1
<i>General arteriosclerosis</i> .....	21
<i>Psoriasis</i> .....	1
<i>Pellagra</i> .....	1

## MENTAL DIAGNOSIS

Psychosis with mental deficiency.....	8
Psychosis with cerebral arteriosclerosis.....	5
Dementia Praecox:	
Paranoid type .....	5
Hebephrenic type.....	7
Catatonic type.....	6
Psychoneurosis hysterical type.....	1
Psychosis due to convulsive disorders .....	9
Psychosis with other disease of nervous system:	
Little's disease .....	1
Paralysis agitans.....	1
Huntington's chorea .....	1

## Psychosis with other somatic diseases:

Cardio-renal-vascular .....	5
Paranoid condition.....	1
Undiagnosed psychosis .....	3
Senile psychosis, simple deterioration.....	3
Alcoholic psychosis, chronic alcoholism.....	1
Psychosis with pellagra.....	3
Manic depressive psychosis:	
Depressed type.....	1
Manic type.....	5
Without psychosis:	
Mental deficiency.....	1

## SURGICAL PATHOLOGY

Tonsillitis, chronic .....	46
Appendicitis:	
Acute .....	4
Chronic .....	3
Chronic with trichuris trichuria .....	1
Colloid goitre, simple .....	1
Granulation tissue, non-specific.....	4
Intestines, hemorrhagic necrosis.....	1
Epididymitis, chronic.....	1

## TUMORS

## Benign:

Ovary: cystadenoma multiloculare .....	1
Skin:	
Neurofibroma .....	2
Fibroma dura .....	1
Sebaceous cyst.....	1
Uterus: fibromyomata .....	2

## Malignant:

Sarcoma, fibroblastic.....	1
Carcinoma, epidermoid .....	1
Carcinoma, granulosa-cell of ovary grade I .....	1



## DENTAL WORK

Examinations .....	3,781
Anesthetics .....	2,288
Extractions .....	3,049
Treatments .....	288

*Bridges:*

Made .....	4
Removed .....	12
Repaired .....	3
Reset .....	3

*Dentures:*

Made .....	50
Partial .....	2
Repaired .....	25
Repaired—partial .....	1

*Fillings:*

Alloy .....	126
Porcelain .....	26
Temporary .....	4
Fractured mandible reset.....	1

*Gold crowns:*

Removed .....	9
Reset .....	2

*Inlays:*

Reset .....	5
X-Ray exposures.....	100
Tooth brushes distributed.....	3,122
Requisitions—for money needed for dental work.....	83
Deposits—responses to requests for money.....	42

## MENTAL HYGIENE DEPARTMENT

This department continued to operate eight clinics constituting the extra-mural services rendered to the public by the State Hospital. The up-State group consisted of Rock Hill, Spartanburg, Greenville and Anderson. The down-State group included Orangeburg, Florence and Charleston. The Columbia clinic was held every Monday morning at the State Hospital.

The volume of work increased to such an extent that it was no longer possible to take care of all requests as made. It was necessary to conduct the clinics on an appointment basis and cases were accepted in the order in which requested.

The type of service rendered was confined to diagnosis and treatment of nervous and mental diseases. Psychometric service continued to be requested and was rendered, but the hope is that other arrangements may be made for this so more time may be given to treatment of adults and to mental hygiene activities with reference to problem children and to educational work.

This service is well established and was used extensively by all social agencies, schools, juvenile Courts, city and county public health units and physicians.

The following table indicates the volume of work for the year:

	W.M.	W.F.	C.M.	C.F.	Total
New cases.....	268	299	33	29	629
Return visits (treatment).....	681	589	28	27	1,325
Consultations .....	17	34	1	1	53
Total number of visits.....					2,007
			Men	Women	Total
Total number of individual cases.....			319	363	682

## SOCIAL SERVICE

This department is in the 19th year of service to the State Hospital.

The primary concern is the welfare of the patients in the hospital; then parole work and preventive measures through the mental hygiene clinics, and educational work with lay groups.

The activities are best described as follows:

Hospital work: Histories are secured on patients in the hospital which aid the staff in diagnosis and treatment. This necessitates the social service worker visiting the community from which the



patient came, and interviewing the family, friends, family physician and employer in order to secure a complete family and personal history as well as a detailed history of the onset of the mental illness.

**Pre-parole:** In many instances when a patient has recovered sufficiently to leave the hospital he has no home or near relatives who are in a position to assume the responsibility of his care. The worker has the duty of either locating relatives or someone else who will be interested in taking the patient. If this is impossible arrangements are sometimes made with the county home or the local department of public welfare, or employment is secured with some reliable person.

Frequently relatives have difficulty in realizing there has been recovery from the mental trouble; they remember the individual as being excited, or depressed and perhaps suicidal, and are fearful of having him return home. Much can be done by the worker to alleviate these fears and to make it possible for the patient to be accepted in the family and the community with understanding and the right attitude so he will be aided in making satisfactory and proper adjustments.

**Clinic work:** The social service worker attends all mental hygiene clinics and assists the psychiatrist in securing histories of new cases. Families and interested persons are contacted and their aid enlisted in complying with the instructions given by the psychiatrist.

**Educational work:** There is still a large group with no understanding nor sympathy for the individual suffering from mild symptoms which may be danger signals of more serious mental disorder. There is no better teaching method than work with the individual through some relative or friend in whom he is interested.

Other educational measures are talks on mental hygiene to various mothers' clubs, parent-teacher associations, nurses' groups and college students. Many such talks were given during the year.

Appreciation is expressed to the public officials, physicians, school authorities, social workers and other interested persons who so splendidly cooperated with the efforts of this department.

## SCHOOL OF NURSING

No changes occurred in the personnel of the school and the work continued in a satisfactory manner.

The annual graduating exercises were held in the hospital auditorium on June 7, 1940 and the following young ladies were presented diplomas:

Misses Mary Ellen Burton, Lorina Chasteen, Ora Majorie Dorn, Mamie Evelyn Gilchrist, Margaret Kneece, Edith Wimberly McLean, Mildred Mayer, Willie Mae Ridgeway and Ruby Ellen Waldrop.

On the previous evening they received certificates in Charleston for the completion of the twelve months' affiliation course at Roper Hospital.

The Christie Benet medal to the graduate attaining the highest scholastic average during the entire course of training was won by Miss Willie Mae Ridgeway of Manning. Honorable mention was made of Miss Margaret Kneece of Columbia whose record was also excellent.

## SCHOOL OF NURSING FOR NEGRO WOMEN

There are 3 young women in the senior class who are now taking their last year of training at the Columbia Hospital with which the School of Nursing is affiliated.

Appreciation is expressed to the Board of Trustees, the superintendent and the superintendent of nurses of the Columbia Hospital for making possible this arrangement which will mean much to the students in the matter of general hospital training.

There are 5 students in the second year class, and 14 have been accepted in the first year class.

## OCCUPATIONAL THERAPY

This department functioned satisfactorily in spite of insufficient room and equipment. Many useful articles were produced in the class rooms; and quite a number of patients were active in various sections of the hospital.

## AMUSEMENTS

Amusements and diversions were provided as much as possible since it is realized the tremendous part these have in the treatment



of the mentally ill. Truck rides, parties, Hallowe'en and Christmas celebrations, weekly moving pictures and dances were provided. A program of spirituals by the colored patients and some of their attendants was enjoyed. Many patients attended the circuses and both State Fairs.

Soft ball has largely replaced baseball, and much enthusiasm and interest have been shown by the attendants' corps and the patients in this sport.

## LIBRARY

The hospital for quite a while has been developing a library. Magazines and books were provided during the year for the medical staff; there was a department for the nurses and another devoted to the interests of the patients.

The Richland County Public Library continues to furnish books at regular intervals, and this is indeed appreciated.

Gratitude is expressed to the many friends who so generously donated numerous books and magazines.

## RELIGIOUS SERVICES

The resignation of Rev. James Lee Shealy, chaplain since July 1, 1938, became effective March 1, 1939, when he accepted a parish in Lexington County. He continued to conduct funeral services of patients interred in the hospital cemeteries, pending the arrival of his successor. Services in the chapels on Sunday for white and colored patients were conducted by Mr. David Johnson, senior at the Lutheran Theological Seminary, Columbia, during that time.

Ministers from the city frequently visited the patients and held special devotions for their members.

To the great joy of patients and employees alike Rev. J. Obert Kempson returned to the hospital on June 10, 1940, as chaplain. He resigned May 15, 1938, to accept the pastorate of two Lutheran parishes at Blythewood after serving the hospital as chaplain since October 1, 1933. His keen interest in the patients and sympathetic understanding endeared him to everyone, and his resumption of duties here will mean much to the institution.

## THE UNITED STATES PUBLIC HEALTH SERVICE

The United States Public Health Service continued to maintain and conduct a laboratory at the South Carolina State Hospital; the work being under the direction of Dr. Bruce Mayne and his associates who are rendering valuable service to this and other institutions in the treatment of paresis.

Malaria was furnished the hospital by direct inoculation, mosquito bites and also injection of a solution from the salivary glands of the mosquito.

The progress report of Dr. Mayne merits your consideration.

## VOLUNTARY COMMITMENTS

During the year 50 persons voluntarily committed themselves to the hospital. This method of commitment is preferable as such patients usually show a better spirit of cooperation and adapt themselves more readily to the environment, thereby enhancing the chances for improvement and recovery.

Because of the overcrowded condition of the hospital many persons applying voluntarily for admission were referred to the clinics of the mental hygiene department.

## CRIMINAL INSANE

During the year the Courts committed 26 persons to the hospital in order that their true mental condition might be determined.—14 white men; 2 white women and 10 colored men.

Of the 14 white men, 4 were found to be psychotic. In the group of 10 without psychosis, 5 were psychopathic personalities; 2 mental defectives and 3 had no mental disorder.

One white woman was a drug addict without psychosis and the other had no mental trouble.

Of the 10 colored men 4 were psychotic; 4 were mental defectives without psychosis and 2 were without mental disorder.

## SPECIAL EXAMINATIONS

Because of the extreme overcrowding of the hospital many examinations are being made at the South Carolina State Penitentiary.

This is unsatisfactory in many ways and stresses the need of a building for the criminal insane where many patients already



in the hospital need to be placed and where members of the medical staff can conduct their examinations in a more satisfactory way.

Examinations were made of 19 persons at the South Carolina State Penitentiary. Of the 10 examined at the request of the Governor, 5 had no mental disorder; 2 were mental defectives without psychosis and 1 was a psychopathic personality without psychosis. In 2 instances the persons were found to be psychotic and were transferred to the South Carolina State Hospital.

Of the 9 examined by Order of the Court, 7 had no mental disorder; 1 was a psychopathic personality without psychosis; and 1 was found to be psychotic and was transferred to this hospital.

Mental examinations were made of 21 girls at the South Carolina Industrial School for Girls.

### FIRE DEPARTMENT

A well equipped fire department continued to be maintained and regular inspections were conducted throughout the year by Mr. E. M. Dickert and members of the Columbia Fire Department.

The efficiency, help and cooperation of Chief McC. A. Marsh of the Columbia Fire Department and his entire personnel are sources of comfort to the hospital and appreciation is expressed to them.

### SHOCK THERAPY

The treatment of certain types of mental disorders by shock therapy has been continued since October 18, 1937. During this time metrazol has been given 207 patients and insulin has been administered to 52 patients.

Receiving the metrazol treatment were 67 white men; 109 white women; 22 colored men and 9 colored women. The results were as follows: 25 greatly improved; 95 slightly improved and 89 unimproved.

Insulin was given to 13 white men; 24 white women; 8 colored men and 7 colored women. Results were as follows: White men, 6 improved, 7 unimproved. White women, 11 improved, 3 slightly improved and 10 unimproved. Colored men, 5 improved and 3 unimproved. Colored women, 1 improved, 4 unimproved, 1 recovered and 1 died.

The types of mental disorders given shock therapy were dementia praecox, manic depressive psychosis, and involution melancholia.

In some cases the results were very gratifying while in others little or no improvement has been observed. It seems that the earlier the treatment is instituted the better will be the prognosis. In chronic cases slight improvement may be noted, but not to such an extent as to assure the patient a social recovery. The results obtained seem to justify that shock therapy should be given in certain types of mental disorders.

## GENERAL PARALYSIS OF THE INSANE

All patients admitted to the hospital, first and readmissions, were examined for syphilis and when this condition was found treatment was instituted immediately and continued in an effort to effect a cure.

All cases of general paresis were given malaria therapy with the exception of those in whom it was contra-indicated.

As a matter of routine each case of malaria therapy was given medicinal treatment.

## IMPROVEMENTS AND REPAIRS

During the past year it was necessary to postpone all improvements and repairs except those of an urgent nature. During the present year an effort has been made to catch up with all needed repairs and to bring the physical part of the hospital back to normal standards.

With the aid of the Works Progress Administration considerable work has been done in this regard and with the exception of much needed painting, repairs to plaster in many parts of the hospital the plant is in splendid condition.

The Works Progress Administration has also rendered valuable service in clearing and draining many acres of land at the plant for Negro patients at State Park.

We owe much to this organization for its willing cooperation and help.

## PERMANENT IMPROVEMENTS

No permanent improvements were made during the year as no funds were available for this purpose.

The Legislature in its supplemental appropriation for maintenance authorized the Board of Regents to use any unexpended balance for permanent improvements.

The sum of \$10,000.00 was unexpended.



Projects were immediately set up with the Works Progress Administration which will consume this amount and will provide an administration building at State Park which will release quarters now used for this purpose so they can be utilized as wards for patients.

## HOSPITAL NEEDS

As pointed out in previous reports one of the greatest needs of the hospital at the present time is more room.

It was shown in last year's report that the overcrowding amounted to 19.2%. Your instructions to restrict admissions so far as possible were complied with, but in spite of all efforts to keep the population down the year was closed with an increase of 57 patients, making the overcrowding 20.7% at present.

You are thoroughly familiar with the situation of limiting admissions as during the year there were presented to you many pathetic appeals by petition and by individuals from various counties in the State.

There would seem little probability of any let-up in the admission rate for our hospitalization rate is considerably below that of the average State.

One way of relieving the situation would be by the removal of epileptics of both races and the mentally deficient of the Negro race—all of whom are being cared for at the State Hospital with the mentally sick—to colonies especially provided for them.

Since provision will have to be made for the ever increasing growth it would seem wise and desirable to take such a step as would render the greatest service to those we are trying to help.

It is also felt that in addition to improving the care and treatment of patients of these types, that considerable saving might be effected in construction and administration. However, the removal of these patients from the State Hospital would not altogether relieve the problem of overcrowding. There would still be need of buildings at the State Hospital for the relief of overcrowding and to take care of the many patients who are being denied admission.

## ACKNOWLEDGMENTS

Appreciation is expressed to the Board of Regents for assistance and encouragement in all the administrative affairs of the hospital.

Grateful acknowledgement is made to all officers and employees for their loyalty and cooperation.

Sincere thanks are extended to those who have so generously contributed money, books, magazines and other gifts for the pleasure and benefit of the patients.

Respectfully submitted

C. F. WILLIAMS, M. D.  
Superintendent.



**PROGRESS REPORT**  
**WILLIAMS MALARIA LABORATORY**  
**For the Year Ending June 30, 1940**

*Dr. C. F. Williams, Superintendent South Carolina State Hospital, Columbia, S. C.*

Dear Doctor Williams: Again I have the pleasure to report the progress of our combined efforts in cooperative studies and routine procedure in operations conducted by the Williams Research Laboratory of the South Carolina State Hospital in cooperation with the U. S. Public Health Service.

The cyclical phenomena of the local strain of *P. malariae*, used in malaria therapy, were established. This strain exhibited high synchronicity and marked periodicity of 72 hours. It is further shown that, although light did not have any modifying influence, it is possible to regulate the time of sporulation and paroxysms by modifying the activities of the patient.

Work in cooperation with the Venereal Disease Division of the Public Health Service and the State Hospital at Milledgeville, Georgia shows that *P. vivax* gives a positive reaction in the standard serological tests for syphilis.

From time to time several strains of therapeutic malaria have been reported as being free of gametocytes and therefore alleged to be incapable of transmission by mosquitoes. One of these strains has been investigated here and found to produce typical gametocytes in normal numbers. This is of significance in the consideration of mosquito screening in hospital wards and homes.

Work is continued in studies in immunity conferred by an initial infection of therapeutic quartan malaria. The clinical phenomena of therapeutic malaria (tertian and quartan) are being investigated.

It is found that the technique of sporozoite suspension cultures can be improved by freezing at approximately 32 degrees F. This has been found by other workers to be applicable also to drawn blood intended for transfusion in induced malaria.

By modifying the staining technique it has been possible to differentiate the immature gametocytes from developing mature asexual forms in both bird and human malaria. Much time was devoted in collaboration with the National Institute of Health, Section of Pathology, on testing stains for efficacy in differentiation of human plasmodia organisms with a view of finding a satisfactory substitute for the German dyes. Successful attempts



with quartan, as well as tertian, parasites were reported. It is therefore gratifying to know that we need no longer depend on foreign products in satisfactory technique in malaria demonstration.

Certain areas in the State where quartan malaria is reported as prevalent are under investigation. Blood smears of suspected infections were made and anopheline mosquitoes collected. Mosquitoes were collected from homes in which recent blood surveys showed the presence of quartan malaria. A moderate number of these were applied to a susceptible patient in an effort to improve our strain in therapy.

Work was interrupted for a period of six months by the departure of the Director who was appointed by the Surgeon General as Technical Advisor to the Malaria Commission to assist the Chinese Government in the investigation and control of a serious malaria outbreak in Southwest China. The Commission to China returned with a highly gratifying report of their cooperative investigations. They succeeded in establishing hospitals and laboratories for the control of the malaria outbreak as well as training of a large number of Medical Officers and recent medical graduates in fighting the malaria epidemic.

## PAPERS PUBLISHED

July 1, 1939-June 30, 1940

"Treatment of Induced Malaria in Negro Paretics with Mapharsen and Tryparsamide." by Dr. Martin D. Young and Dr. Sol B. McLendon; *Pub. Health Rep.* 54(33):1509-1511, 1940.

"Balantidiasis." by Dr. Martin D. Young; *J.A.M.A.*; 113(7): 580-584; Aug. 12, 1939.

"The Effect of Colchicine on Bird Malaria." by Doctors Coatney and Young. *Jour. Parasit.*; 25(5): 446-447. Oct. 1939.

"Studies in Induced Quartan Malaria In Negro Paretics. I. Periodic Phenomena of the Asexual Cycle." by Doctors Young, Stubbs and Coatney. *Amer. Jour. Hyg.* 31(Sec. C.): 51-59. 1940.

"Studies on *Haemoproteus sacharovi* of Mourning Doves and Pigeons, with Notes on *H. maccallumi*." by Doctors G. Robert Coatney and Evaline West. *Amer. J. Hyg.* 31(Sec. C.): 9-14. 1940.



"Studies on *P. relictum* in the Pigeon. I. Periodic Phenomena of the Asexual Cycle." by Dr. G. Robert Coatney. *Amer. J. Hyg.* 31 (Sec. C.): 15-18. 1940.

"Some Blood Parasites from Montana Birds." by Dr. G. Robert Coatney. *Jour. Parasit.* 26:158-160. 1940.

#### PAPERS IN PRESS AND SUBMITTED FOR PUBLICATION

"Studies in Induced Quartan Malaria in Negro Paretics. II. The Effect of Modifying the External Conditions." by Doctors Young, Coatney and Stubbs. *Amer. Jour. Hyg.*, 1940.

"The Incidence of Intestinal Parasites in a Selected Group at a Mental Hospital." by Doctors Young and Coyt Ham. *Jour. Parasit.* 1940.

"The Technique of Induced Malaria as Adopted in the South Carolina State Hospital." by Doctors Mayne and Young.

#### LABORATORY OPERATIONS

Shipments of blood..... 76

##### Local Inoculations:

Tertian ..... 15

Quartan ..... 41

Besides the Special Expert in Charge, the staff of this station includes the following: Dr. G. Robert Coatney, Dr. Martin D. Young, Mr. Wallace P. Greenwood, Mrs. E. Greenwood and two undergraduate medical students, Mr. William Hurly and Mr. Fredrick Burk, who have recently been admitted to the staff for the activities of the summer.

Respectfully submitted

BRUCE MAYNE  
Director of Malaria Laboratory.

## STATISTICAL TABLES

## PSYCHOSES OF FIRST ADMISSIONS

PSYCHOSES	White Males	White Females	Colored Males	Colored Females	Total
Psychoses with Syphilitic Meningo-Encephalitis (General Paresis) ..	20	3	44	13	80
Alcoholic Psychoses .....	15	..	4	..	19
Paranoid .....	2	..	1	..	3
Delirium tremens .....	8	..	..	..	8
Korsakow's psychosis .....	1	..	..	..	1
Acute hallucinosis .....	..	..	2	..	2
Other types .....	4	..	1	..	5
Psychoses Due to Drugs or Other Exogenous Poisons .....	2	3	..	..	5
Due to other drugs .....	2	3	..	..	5
Traumatic Psychoses .....	2	..	..	..	2
Post-traumatic mental deterioration .....	2	..	..	..	2
Psychoses with Cerebral Arteriosclerosis .....	29	14	13	19	75
Psychoses with Other Disturbances of Circulation .....	14	13	18	5	50
With cardio-renal disease .....	14	13	18	5	50
Psychoses with Convulsive Disorders (Epilepsy) .....	12	13	10	6	41
Epileptic deterioration .....	11	11	6	6	34
Epileptic clouded states .....	1	2	4	..	7
Senile Psychoses .....	10	9	2	2	23
Simple deterioration .....	5	7	2	2	16
Agitated and confused types .....	4	..	..	..	4
Paranoid types .....	1	2	..	..	3
Involitional Psychoses .....	9	28	..	1	38
Melancholia .....	8	27	..	1	36
Paranoid types .....	1	1	..	..	2
Psychoses Due to Other Metabolic, Etc. Diseases .....	6	9	5	11	31
With pellagra .....	2	4	..	8	14
With other somatic diseases .....	4	5	5	3	17
Psychoses Associated with Organic Changes of the Nervous System ..	3	..	2	..	5
With poliomyelitis .....	..	..	2	..	2
With post encephalitis .....	1	..	..	..	1
With other brain or nervous diseases .....	2	..	..	..	2
Psychoneuroses .....	7	37	..	2	46
Hysteria .....	2	22	..	2	26
Psychasthenia or compulsive states (and subgroups) .....	..	1	..	..	1
Neurasthenia .....	5	11	..	..	16
Reactive depression .....	..	3	..	..	3
Manic-Depressive Psychoses .....	90	56	38	69	253
Manic type .....	36	26	34	56	152
Depressive type .....	51	27	4	12	94
Circular type .....	..	2	..	..	2
Mixed type .....	3	1	..	1	5
Dementia Praecox (Schizophrenia) .....	28	26	43	30	127
Hebephrenic type .....	11	11	12	15	49
Catatonic type .....	11	12	23	10	56
Paranoid type .....	6	3	8	5	22
Paranoia and Paranoid Conditions .....	4	7	2	2	15
Paranoia .....	2	2	2	..	6
Paranoid conditions .....	2	5	..	2	9
Psychoses with Psychopathic Personality .....	1	1	..	..	2
Psychoses with Mental Deficiency .....	5	7	5	4	21
Undiagnosed Psychoses .....	15	18	13	4	50
Without Psychoses .....	97	19	32	13	161
Epilepsy .....	1	..	4	1	6
Alcoholism .....	66	3	1	1	71
Drug addiction .....	5	6	..	..	11
Mental deficiency .....	8	3	21	4	36
Others .....	8	3	6	7	24
Psychopathic personality .....	9	4	..	..	13
Primary Behavior Disorders .....	..	1	..	..	1
Simple adult maladjustment .....	..	1	..	..	1
TOTAL .....	369	264	231	181	1,045



AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
WHITE RACE

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years			30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years			60-64 years			65-69 years			70 years and over			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T				
Psychoses with syphilitic meningo-encephalitis (general paresis) . . .	20	3	23	..	..	..	..	..	..	..	..	..	3	1	4	3	..	3	3	..	3	3	3	3	2	5	4	..	4	1	..	1	1	..	1	..	1	1	..	1	..	..	
Alcoholic psychoses . . . . .	15	..	15	..	..	..	..	..	..	..	..	..	3	..	3	3	..	3	3	..	3	3	3	3	..	3	..	1	1	..	1	1	..	1	..	1	..	1	..	1	..	1	
Psychoses due to drugs or other exogenous poisons . . . . .	2	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1	..	1	..	1	..	1	..	1	1	..	1	..	1	..	1	..	1	..	1	
Traumatic psychoses . . . . .	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with cerebral arteriosclerosis . . . . .	29	14	43	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	4	..	..	..	4	1	5	2	..	2	11	5	16	5	2	7	4	3	..	7	1	1	
Psychoses with other disturbances of circulation . . . . .	14	13	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	1	1	2	4	1	5	2	4	3	2	5	2	2	4	2	1	3	
Psychoses with convulsive disorders (epilepsy) . . . . .	12	13	25	1	..	1	3	2	5	2	2	4	3	2	5	2	2	4	..	3	3	..	..	..	4	1	1	2	..	1	1	2	..	..	..	1	1	2	3	5	8	5	13
Senile psychoses . . . . .	10	9	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Involuntional psychoses . . . . .	9	28	37	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	2	8	10	3	8	11	..	6	6	2	4	6	1	..	1	1	2	3	5	8	5	13		
Psychoses due to other metabolic, etc., diseases . . . . .	6	9	15	..	..	..	1	1	..	..	..	..	1	..	1	..	1	1	..	1	1	2	2	4	..	..	..	..	1	1	2	1	2	3	1	1	2	..	..	..	..	..	
Psychoses associated with organic changes of the nervous system . .	3	..	3	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoneuroses . . . . .	7	37	44	..	..	..	4	4	1	3	4	1	8	9	2	8	10	1	7	8	..	..	..	2	2	..	2	2	..	2	2	1	2	3	1	1	2	..	..	..	..	..	..
Manic-depressive psychoses . . . . .	90	56	146	..	..	..	8	4	12	12	6	18	12	12	24	12	5	17	10	9	19	6	6	12	7	3	10	15	5	20	7	3	10	1	2	3	..	1	1	..	..	..	
Dementia praecox (schizophrenia) . . . . .	28	26	54	..	..	..	9	9	18	6	5	11	8	6	14	1	1	2	4	4	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paranoia and paranoid conditions . . . . .	4	7	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	1	1	2	1	1	2	1	..	1	1	1	2	..	1	1	..	..	..	..	..	..	..	
Psychoses with psychopathic personality . . . . .	1	1	2	..	..	..	..	..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Psychoses with mental deficiency . . . . .	5	7	12	..	..	..	1	1	1	2	3	3	..	3	..	..	..	1	1	..	1	3	3	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Undiagnosed psychoses . . . . .	15	18	33	1	..	1	..	1	1	2	1	3	4	3	7	2	3	5	1	2	3	1	3	4	..	1	1	2	2	4	..	..	..	..	1	1	2	1	1	2	..	..	..
Without psychoses . . . . .	97	19	116	2	1	3	5	2	7	8	1	9	15	2	17	16	2	18	16	3	19	7	3	10	12	3	15	4	..	4	7	..	7	4	1	5	..	..	1	1	2		
Primary behavior disorders . . . . .	..	1	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL . . . . .	369	264	633	4	1	5	26	25	51	33	21	54	53	34	87	41	24	65	44	34	78	25	34	59	34	21	55	33	17	50	33	21	54	19	12	31	11	12	23	13	8	21	

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
COLORED RACE

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years			30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years			60-64 years			65-69 years			70 years and over			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T						
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	44	13	57	..	..	..	1	1	..	1	1	2	3	5	10	1	11	10	1	11	5	1	6	8	..	8	5	1	6	2	1	3	1	1	2	1	2	3	1	..	1	..	..		
Alcoholic psychoses .....	4	..	4	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	2	..	2	2	1	3	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..			
Psychoses with cerebral arteriosclerosis .....	13	19	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3	3	4	4	3	5	1	5	6	..	1	1	5	3	8	3	1	..	..			
Psychoses with other disturbances of circulation .....	18	5	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
Psychoses with convulsive disorders (epilepsy) .....	10	6	16	1	..	1	4	1	5	3	1	4	..	..	..	1	1	2	1	..	1	..	1	1	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..			
Senile psychoses .....	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Involuntional psychoses .....	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoses due to other metabolic, etc., diseases .....	5	11	16	..	1	1	..	..	..	1	..	1	..	..	..	1	3	4	1	3	4	..	1	1	..	1	1	..	1	1	..	..	..	1	1	1	1	2	..	..	..	..			
Psychoses associated with organic changes of the nervous system .....	2	..	2	..	..	..	2	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoneuroses .....	..	2	2	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Manic-depressive psychoses .....	38	69	107	..	..	..	7	8	15	8	16	24	6	12	18	4	9	13	5	5	10	5	7	12	..	6	6	1	4	5	..	..	..	1	2	3	..	..	1	..	1	..	..	..	
Dementia praecox (schizophrenia) .....	43	30	73	..	..	..	4	7	11	13	5	18	11	8	19	3	1	4	2	3	5	5	2	7	1	3	4	1	..	1	..	1	1	..	..	1	..	1	..	..	..	..	..	..	
Paranoia and paranoid conditions .....	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoses with mental deficiency .....	5	4	9	1	..	1	2	1	3	..	1	1	2	..	2	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Undiagnosed psychoses .....	13	4	17	..	..	..	1	..	1	2	1	3	..	1	1	1	1	2	3	3	3	3	1	4	1	..	1	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..		
Without psychoses .....	32	13	45	6	4	10	8	3	11	5	2	7	2	1	3	2	..	2	2	3	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	7	..	..	7		
TOTAL .....	231	181	412	8	5	13	28	21	49	32	29	61	23	25	48	24	16	40	24	19	43	20	14	34	14	19	33	14	12	26	8	9	17	8	5	13	13	6	19	6	..	6	9	1	10



DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO  
PRINCIPAL PSYCHOSES

WHITE RACE

PSYCHOSES	Total			Illiterate			Reads and Writes			Common School			High School			College			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	20	3	23	1	..	1	1	..	1	10	3	13	5	..	5	3	..	3	..	..	..
Alcoholic psychoses .....	15	..	15	..	..	..	..	..	..	9	..	9	2	..	2	4	..	4	..	..	..
Psychoses due to drugs or other exogenous poisons .....	2	3	5	..	..	..	..	..	..	3	3	2	..	2	..	..	..	..	..	..	..
Traumatic psychoses .....	2	..	2	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	29	14	43	4	1	5	3	..	3	17	10	27	3	..	3	2	2	4	..	1	1
Psychoses with other disturbances of circulation .....	14	13	27	2	2	4	1	..	1	9	5	14	1	2	3	1	2	3	..	2	2
Psychoses with convulsive disorders (epilepsy) .....	12	13	25	1	2	3	2	..	2	9	9	18	..	1	1	..	..	..	..	1	1
Senile psychoses .....	10	9	19	1	1	2	1	..	1	3	2	5	2	1	3	2	2	4	1	3	4
Involuntional psychoses .....	9	28	37	..	2	2	..	..	..	6	15	21	3	4	7	..	4	4	..	3	3
Psychoses due to other metabolic, etc., diseases .....	6	9	15	1	..	1	..	..	..	1	5	6	3	3	6	..	..	..	1	1	2
Psychoses associated with organic changes of the nervous system .....	3	..	3	..	..	..	..	..	..	2	..	2	1	..	1	..	..	..	..	..	..
Psychoneuroses .....	7	37	44	2	5	7	..	..	..	2	13	15	3	10	13	..	7	7	..	2	2
Manic-depressive psychoses .....	90	56	146	7	4	11	1	..	1	39	23	62	26	15	41	11	9	20	6	5	11
Dementia praecox (schizophrenia) .....	28	26	54	1	1	2	..	..	..	11	15	26	12	6	18	2	3	5	2	1	3
Paranoia and paranoid conditions .....	4	7	11	..	..	..	..	..	..	3	3	6	..	2	2	..	2	2	1	..	1
Psychoses with psychopathic personality .....	1	1	2	..	..	..	..	..	..	1	..	1	..	1	1	..	..	..	..	..	..
Psychoses with mental deficiency .....	5	7	12	2	2	4	1	..	1	2	5	7	..	..	..	..	..	..	..	..	..
Undiagnosed psychoses .....	15	18	33	1	1	2	..	..	..	6	11	17	3	4	7	1	1	2	4	1	5
Without psychoses .....	97	19	116	9	4	13	1	..	1	39	6	45	32	7	39	14	2	16	2	..	2
Primary behavior disorders .....	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
<b>TOTAL .....</b>	<b>369</b>	<b>264</b>	<b>633</b>	<b>32</b>	<b>25</b>	<b>57</b>	<b>11</b>	<b>..</b>	<b>11</b>	<b>170</b>	<b>128</b>	<b>298</b>	<b>99</b>	<b>57</b>	<b>156</b>	<b>40</b>	<b>34</b>	<b>74</b>	<b>17</b>	<b>20</b>	<b>37</b>

DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO  
PRINCIPAL PSYCHOSES

COLORED RACE

PSYCHOSES	Total			Illiterate			Reads and Writes			Common School			High School			College			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	44	13	57	17	6	23	..	1	1	20	6	26	2	..	2	1	..	1	4	..	4
Alcoholic psychoses .....	4	..	4	2	..	2	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	13	19	32	8	9	17	..	..	..	1	8	9	..	..	..	1	..	1	3	2	5
Psychoses with other disturbances of circulation .....	18	5	23	7	3	10	..	..	..	5	2	7	..	..	..	..	..	..	6	..	6
Psychoses with convulsive disorders (epilepsy) .....	10	6	16	5	3	8	1	..	1	2	1	3	..	..	..	..	..	..	2	2	4
Senile psychoses .....	2	2	4	1	1	2	..	..	..	1	..	1	..	..	..	..	..	..	1	1	..
Involuntary psychoses .....	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	5	11	16	3	4	7	..	..	..	1	5	6	..	..	..	..	..	..	1	2	3
Psychoses associated with organic changes of the nervous system .....	2	..	2	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
Psychoneuroses .....	..	2	2	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..
Manic-depressive psychoses .....	38	69	107	10	22	32	1	3	4	17	32	49	2	3	5	1	1	2	7	8	15
Dementia praecox (schizophrenia) .....	43	30	73	8	6	14	1	1	2	21	15	36	2	7	9	2	1	3	9	..	9
Paranoia and paranoid conditions .....	2	2	4	..	1	1	..	..	..	2	1	3	..	..	..	..	..	..	..	..	..
Psychoses with mental deficiency .....	5	4	9	4	1	5	..	1	1	1	2	3	..	..	..	..	..	..	..	..	..
Undiagnosed psychoses .....	13	4	17	6	1	7	..	1	1	3	1	4	..	1	1	1	..	1	3	..	3
Without psychoses .....	32	13	45	14	5	19	..	2	2	7	3	10	1	..	1	..	..	..	10	3	13
TOTAL .....	231	181	412	86	63	149	3	9	12	84	78	162	7	11	18	6	2	8	45	18	63



ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
WHITE RACE

PSYCHOSES	Total			Urban			Rural		
	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	20	3	23	12	3	15	8	..	8
Alcoholic psychoses .....	15	..	15	7	..	7	8	..	8
Psychoses due to drugs or other exogenous poisons .....	2	3	5	..	2	2	2	1	3
Traumatic psychoses .....	2	..	2	..	..	..	2	..	2
Psychoses with cerebral arteriosclerosis .....	23	14	43	6	7	13	23	7	30
Psychoses with other disturbances of circulation .....	14	13	27	5	6	11	9	7	16
Psychoses with convulsive disorders (epilepsy) .....	12	13	25	3	4	7	9	9	18
Senile psychoses .....	10	9	19	4	5	9	6	4	10
Involuntal psychoses .....	9	28	37	4	14	18	5	14	19
Psychoses due to other metabolic, etc., diseases .....	6	9	15	3	4	7	3	5	8
Psychoses associated with organic changes of the nervous system .....	3	..	3	..	..	..	3	..	3
Psychoneuroses .....	7	37	44	2	18	20	5	19	24
Manic-depressive psychoses .....	90	56	146	41	32	73	49	24	73
Dementia praecox (schizophrenia) .....	28	26	54	13	16	29	15	10	25
Paranoia and paranoid conditions .....	4	7	11	2	3	5	2	4	6
Psychoses with psychopathic personality .....	1	1	2	1	1	2	..	..	..
Psychoses with mental deficiency .....	5	7	12	2	2	4	3	5	8
Undiagnosed psychoses .....	15	18	33	9	9	18	6	9	15
Without psychoses .....	97	19	116	49	19	68	48	..	48
Primary behavior disorders .....	..	1	1	..	..	..	1	1	1
<b>TOTAL</b> .....	<b>369</b>	<b>264</b>	<b>633</b>	<b>163</b>	<b>145</b>	<b>308</b>	<b>206</b>	<b>119</b>	<b>325</b>

ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
COLORED RACE

PSYCHOSES	Total			Urban			Rural		
	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	44	13	57	22	7	29	22	6	28
Alcoholic psychoses .....	4	..	4	3	..	3	1	..	1
Psychoses with cerebral arteriosclerosis .....	13	19	32	4	9	13	9	10	19
Psychoses with other disturbances of circulation .....	18	5	23	5	2	7	13	3	16
Psychoses with convulsive disorders (epilepsy) .....	10	6	16	1	1	2	9	5	14
Senile psychoses .....	2	2	4	..	..	..	2	2	4
Involuntal psychoses .....	..	1	1	..	1	1	..	..	..
Psychoses due to other metabolic, etc., diseases .....	5	11	16	3	5	8	2	6	8
Psychoses associated with organic changes of the nervous system .....	2	..	2	2	..	2	..	..	..
Psychoneuroses .....	..	2	2	..	..	..	..	2	2
Manic-depressive psychoses .....	38	69	107	17	29	46	21	40	61
Dementia praecox (schizophrenia) .....	43	30	73	21	15	36	22	15	37
Paranoia and paranoid conditions .....	2	2	4	1	2	3	1	..	1
Psychoses with mental deficiency .....	5	4	9	1	1	2	4	3	7
Undiagnosed psychoses .....	13	4	17	7	2	9	6	2	8
Without psychoses .....	32	13	45	10	8	18	22	5	27
<b>TOTAL</b> .....	<b>231</b>	<b>181</b>	<b>412</b>	<b>97</b>	<b>82</b>	<b>179</b>	<b>134</b>	<b>99</b>	<b>233</b>

**ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE  
TO PRINCIPAL PSYCHOSES  
WHITE RACE**

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	20	3	23	..	..	..	19	3	22	..	..	..	1	..	1
Alcoholic psychoses .....	15	..	15	..	..	..	15	..	15	..	..	..	..	..	..
Psychoses due to drugs or other exogenous poisons .....	2	3	5	..	..	..	2	3	5	..	..	..	..	..	..
Traumatic psychoses .....	2	..	2	..	..	..	..	..	2	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	29	14	43	..	..	..	29	14	43	..	..	..	..	..	..
Psychoses with other disturbances of circulation .....	14	13	27	..	..	..	13	13	26	..	..	..	1	..	1
Psychoses with convulsive disorders (epilepsy) .....	12	13	25	3	1	4	9	12	21	..	..	..	..	..	..
Senile psychoses .....	10	9	19	..	..	..	8	9	17	..	..	..	2	..	2
Involuntional psychoses .....	9	23	37	..	..	..	9	23	37	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	6	9	15	..	..	..	5	9	14	..	..	..	1	..	1
Psychoses associated with organic changes of the nervous system .....	3	..	3	..	..	..	3	..	3	..	..	..	..	..	..
Psychoneuroses .....	7	37	44	..	1	1	7	35	42	..	1	1	..	..	..
Manic-depressive psychoses .....	90	56	146	2	..	2	84	56	140	..	..	..	4	..	4
Dementia praecox (schizophrenia) .....	28	26	54	..	..	..	27	26	53	..	..	..	1	..	1
Paranoia and paranoid conditions .....	4	7	11	..	..	..	4	7	11	..	..	..	..	..	..
Psychoses with psychopathic personality .....	1	1	2	..	..	..	1	1	2	..	..	..	..	..	..
Psychoses with mental deficiency .....	5	7	12	..	..	..	5	7	12	..	..	..	..	..	..
Undiagnosed psychoses .....	15	13	33	..	..	..	13	13	31	..	..	..	2	..	2
Without psychoses .....	97	19	116	4	1	5	89	16	105	..	2	2	4	..	4
Primary behavior disorders .....	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..
<b>TOTAL</b> .....	369	264	633	9	3	12	344	258	602	..	3	3	16	..	16

**ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE  
TO PRINCIPAL PSYCHOSES  
COLORED RACE**

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	44	13	57	2	3	5	42	10	52	..	..	..	..	..	..
Alcoholic psychoses .....	..	..	4	..	..	..	..	4	4	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	13	19	32	..	8	8	13	11	24	..	..	..	..	..	..
Psychoses with other disturbances of circulation .....	18	5	23	1	1	2	17	4	21	..	..	..	..	..	..
Psychoses with convulsive disorders (epilepsy) .....	10	6	16	1	1	2	9	5	14	..	..	..	..	..	..
Senile psychoses .....	2	2	4	..	1	1	2	1	3	..	..	..	..	..	..
Involuntional psychoses .....	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	5	11	16	1	3	4	4	8	12	..	..	..	..	..	..
Psychoses associated with organic changes of the nervous system .....	2	..	2	..	..	..	2	..	2	..	..	..	..	..	..
Psychoneuroses .....	..	2	2	..	..	..	..	2	2	..	..	..	..	..	..
Manic-depressive psychoses .....	38	69	107	1	17	18	36	52	88	..	..	..	1	..	1
Dementia praecox (schizophrenia) .....	43	30	73	3	2	5	40	25	65	..	1	1	..	2	2
Paranoia and paranoid conditions .....	2	2	4	..	1	1	2	1	3	..	..	..	..	..	..
Psychoses with mental deficiency .....	5	4	9	..	2	2	5	2	7	..	..	..	..	..	..
Undiagnosed psychoses .....	13	4	17	..	..	..	13	4	17	..	..	..	..	..	..
Without psychoses .....	32	13	45	4	10	14	22	3	25	..	..	..	6	..	6
<b>TOTAL</b> .....	231	181	412	13	50	63	211	128	339	..	1	1	7	2	9



USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
WHITE RACE

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	20	3	23	11	3	14	4	..	4	5	..	5	..	..	..
Alcoholic psychoses .....	15	..	15	..	..	..	..	..	15	..	..	15	..	..	..
Psychoses due to drugs or other exogenous poisons .....	2	3	5	1	3	4	1	..	1	..	..	..	..	..	..
Traumatic psychoses .....	2	..	2	2	..	2	..	..	..	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	29	14	43	21	14	35	5	..	5	3	..	3	..	..	..
Psychoses with other disturbances of circulation .....	14	13	27	8	13	21	6	..	6	..	..	..	..	..	..
Psychoses with convulsive disorders (epilepsy) .....	12	13	25	9	13	22	3	..	3	..	..	..	..	..	..
Senile psychoses .....	10	9	19	9	9	18	1	..	1	..	..	..	..	..	..
Involuntal psychoses .....	9	28	37	7	28	35	1	..	1	1	..	1	..	..	..
Psychoses due to other metabolic, etc., diseases .....	6	9	15	1	9	10	4	..	4	..	..	..	1	..	1
Psychoses associated with organic changes of the nervous system .....	3	..	3	1	..	1	2	..	2	..	..	..	..	..	..
Psychoneuroses .....	7	37	44	5	37	42	1	..	1	1	..	1	..	..	..
Manic-depressive psychoses .....	90	56	146	62	53	115	19	2	21	7	1	8	2	..	2
Dementia praecox (schizophrenia) .....	28	26	54	20	20	40	4	3	7	3	2	5	1	1	2
Paranoia and paranoid conditions .....	4	7	11	3	6	9	..	1	1	..	..	1	..	..	1
Psychoses with psychopathic personality .....	1	1	2	..	1	1	..	..	1	..	..	1	..	..	..
Psychoses with mental deficiency .....	5	7	12	3	6	9	1	..	1	1	..	1	..	..	1
Undiagnosed psychoses .....	15	18	33	7	18	25	4	..	4	4	..	4	..	..	..
Without psychoses .....	97	19	116	15	13	28	10	..	10	72	6	78	..	..	..
Primary behavior disorders .....	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..
TOTAL .....	369	264	633	185	247	432	66	6	72	113	9	122	5	2	7

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
COLORED RACE

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	44	13	57	22	10	32	11	2	13	7	..	7	4	1	5
Alcoholic psychoses .....	4	..	4	..	..	..	..	..	..	4	..	4	..	..	..
Psychoses with cerebral arteriosclerosis .....	13	19	32	6	16	22	1	2	3	5	..	5	1	1	2
Psychoses with other disturbances of circulation .....	18	5	23	7	4	11	6	1	7	4	..	4	1	..	1
Psychoses with convulsive disorders (epilepsy) .....	10	6	16	7	4	11	1	2	3	2	..	2	..	..	..
Senile psychoses .....	2	2	4	1	2	3	1	..	1	..	..	..	..	..	..
Involuntal psychoses .....	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	5	11	16	2	8	10	1	..	1	2	..	2	..	3	3
Psychoses associated with organic changes of the nervous system .....	2	..	2	1	..	1	..	..	..	..	..	..	1	..	1
Psychoneuroses .....	..	2	2	..	2	2	..	..	..	..	..	..	..	..	..
Manic-depressive psychoses .....	38	69	107	17	63	80	7	4	11	10	..	10	4	2	6
Dementia praecox (schizophrenia) .....	43	30	73	24	27	51	3	1	4	12	..	12	4	2	6
Paranoia and paranoid conditions .....	2	2	4	2	2	4	..	..	..	..	..	..	..	..	..
Psychoses with mental deficiency .....	5	4	9	4	4	8	..	..	1	..	1	..	..	..	..
Undiagnosed psychoses .....	13	4	17	7	4	11	3	..	3	1	..	1	2	..	2
Without psychoses .....	32	13	45	17	9	26	4	2	6	4	1	5	7	1	8
TOTAL .....	231	181	412	117	156	273	38	14	52	52	1	53	24	10	34

MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE  
TO PRINCIPAL PSYCHOSES

WHITE RACE

PSYCHOSES	Total			Single			Married			Widowed			Separated			Divorced			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo- encephalitis (general paresis) .....	20	3	23	4	..	4	12	2	14	1	..	1	1	1	2	2	..	2	..	..	..
Alcoholic psychoses .....	15	..	15	5	..	5	8	..	8	..	..	..	..	..	..	2	..	2	..	..	..
Psychoses due to drugs or other exogenous poisons .....	2	3	5	1	..	1	1	2	3	..	1	1	..	..	..	..	..	..	..	..	..
Traumatic psychoses .....	2	..	2	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis	29	14	43	1	..	1	21	7	28	4	5	9	3	..	3	..	2	2	..	..	..
Psychoses with other disturbances of circulation .....	14	13	27	..	2	2	9	7	16	3	4	7	1	..	1	1	..	1	..	..	..
Psychoses with convulsive disorders (epilepsy) .....	12	13	25	9	7	16	3	6	9	..	..	..	..	..	..	..	..	..	..	..	..
Senile psychoses .....	10	9	19	1	1	2	6	2	8	3	6	9	..	..	..	..	..	..	..	..	..
Involutional psychoses .....	9	28	37	..	3	3	8	23	31	..	2	2	..	..	..	1	..	1	..	..	..
Psychoses due to other metabolic, etc., diseases .....	6	9	15	1	3	4	3	3	6	1	2	3	1	1	2	..	..	..	..	..	..
Psychoses associated with organic changes of the nervous system .....	3	..	3	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Psychoneuroses .....	7	37	44	4	10	14	3	21	24	..	1	1	..	2	2	..	3	3	..	..	..
Manic-depressive psychoses .....	90	56	146	33	11	44	51	37	88	1	5	6	3	3	6	2	..	2	..	..	..
Dementia praecox (schizophrenia) .....	28	26	54	24	13	37	4	12	16	..	1	1	..	..	..	..	..	..	..	..	..
Paranoia and paranoid conditions ....	4	7	11	3	..	3	1	6	7	..	1	1	..	..	..	..	..	..	..	..	..
Psychoses with psychopathic personality	1	1	2	1	..	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
Psychoses with mental deficiency .....	5	7	12	4	3	7	1	1	2	..	1	1	..	1	1	..	..	..	..	1	1
Undiagnosed psychoses .....	15	18	33	5	2	7	9	12	21	1	2	3	..	2	2	..	..	..	..	..	..
Without psychoses .....	97	19	116	22	7	29	62	10	72	5	1	6	4	..	4	4	1	5	..	..	..
Primary behavior disorders .....	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>TOTAL .....</b>	<b>369</b>	<b>264</b>	<b>633</b>	<b>120</b>	<b>63</b>	<b>183</b>	<b>204</b>	<b>151</b>	<b>355</b>	<b>20</b>	<b>32</b>	<b>52</b>	<b>13</b>	<b>10</b>	<b>23</b>	<b>12</b>	<b>7</b>	<b>19</b>	<b>..</b>	<b>1</b>	<b>1</b>



MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE  
TO PRINCIPAL PSYCHOSES

COLORED RACE

PSYCHOSES	Total			Single			Married			Widowed			Separated			Divorced			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo- encephalitis (general paresis) .....	44	13	57	7	1	8	27	5	32	2	4	6	6	3	9	..	..	..	2	..	2
Alcoholic psychoses .....	4	..	4	2	..	2	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis	13	19	32	1	1	2	10	10	20	1	7	8	1	1	2	..	..	..	..	..	..
Psychoses with other disturbances of circulation .....	18	5	23	1	..	1	12	1	13	2	2	4	2	2	4	1	..	1	..	..	..
Psychoses with convulsive disorders (epilepsy) .....	10	6	16	7	1	8	..	2	2	..	1	1	3	2	5	..	..	..	..	..	..
Senile psychoses .....	2	2	4	..	..	..	2	1	3	..	..	..	..	1	1	..	..	..	..	..	..
Involuntary psychoses .....	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	5	11	16	1	2	3	2	6	8	2	1	3	..	1	1	..	..	..	..	1	1
Psychoses associated with organic changes of the nervous system .....	2	..	2	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Psychoneuroses .....	..	2	2	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Manic-depressive psychoses .....	38	69	107	19	18	37	13	33	46	2	9	11	3	9	12	..	..	..	1	..	1
Dementia praecox (schizophrenia) ....	43	30	73	24	13	37	14	10	24	..	2	2	3	4	7	..	..	..	2	1	3
Paranoia and paranoid conditions ....	2	2	4	..	..	..	2	1	3	..	..	..	..	..	..	..	..	..	..	1	1
Psychoses with mental deficiency .....	5	4	9	5	1	6	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..
Undiagnosed psychoses .....	13	4	17	3	2	5	7	2	9	2	..	2	..	..	..	..	..	..	1	..	1
Without psychoses .....	32	13	45	23	7	30	2	4	6	..	1	1	1	1	2	..	..	..	6	..	6
<b>TOTAL .....</b>	<b>231</b>	<b>181</b>	<b>412</b>	<b>95</b>	<b>47</b>	<b>142</b>	<b>91</b>	<b>79</b>	<b>170</b>	<b>11</b>	<b>27</b>	<b>38</b>	<b>21</b>	<b>25</b>	<b>46</b>	<b>1</b>	<b>..</b>	<b>1</b>	<b>12</b>	<b>3</b>	<b>15</b>

## PSYCHOSES OF READMISSIONS

PSYCHOSES	White Males	White Females	Colored Males	Colored Females	Total
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	1	..	..	..	1
Alcoholic psychoses .....	4	..	..	..	4
Psychoses due to drugs or other exogenous poisons .....	2	2	..	..	4
Psychoses with cerebral arteriosclerosis .....	2	2	1	1	6
Psychoses with other disturbances of circulation .....	7	1	1	4	9
Psychoses with convulsive disorders (epilepsy) .....	4	4	3	2	16
Involutional psychoses .....	1	4	..	1	6
Psychoses due to other metabolic, etc., diseases .....	..	..	..	1	1
Psychoses associated with organic changes of the nervous system .....	4	1	..	..	5
Psychoneuroses .....	3	9	..	..	12
Manic-depressive psychoses .....	29	26	10	15	80
Dementia praecox (schizophrenia) .....	15	27	4	6	52
Simple .....	1	..	..	..	1
Hebephrenic .....	8	11	2	3	24
Catatonic .....	5	13	1	2	21
Paranoid .....	1	3	1	1	6
Paranoia and paranoid conditions .....	..	5	..	1	6
Psychoses with psychopathic personality .....	2	..	..	..	2
Psychoses with mental deficiency .....	4	1	2	..	7
Undiagnosed psychoses .....	2	1	..	..	3
Without psychoses .....	29	7	1	2	39
Alcoholism .....	21	1	..	..	22
Drug .....	..	1	..	..	1
Mental deficiency .....	1	2	..	1	4
Other types .....	3	2	1	..	6
Psychopathic personality .....	4	1	..	1	6
TOTAL .....	108	90	22	33	253



DISCHARGES OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
AND CONDITION ON DISCHARGE

WHITE RACE

PSYCHOSES	Total			Recovered			Improved			Unimproved			Without Psychoses		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	25	6	31	..	..	..	24	6	30	1	..	1	..	..	..
Psychoses with other forms of syphilis of the central nervous system .....	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..
Psychoses with epidemic encephalitis .....	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..
Alcoholic psychoses .....	15	..	15	5	..	5	10	..	10	..	..	..	..	..	..
Psychoses due to drugs or other exogenous poisons .....	5	6	11	..	3	3	5	3	8	..	..	..	..	..	..
Traumatic psychoses .....	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	13	11	24	..	2	2	12	9	21	1	..	1	..	..	..
Psychoses with other disturbances of circulation .....	16	6	22	1	1	2	14	5	19	1	..	1	..	..	..
Psychoses with convulsive disorders (epilepsy) .....	17	14	31	..	..	..	17	13	30	..	1	1	..	..	..
Senile psychoses .....	6	2	8	..	..	..	4	2	6	2	..	2	..	..	..
Involutional psychoses .....	13	12	25	..	..	..	13	12	25	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	8	12	20	1	6	7	6	13	..	..	..	..	..	..	..
Psychoses associated with organic changes of the nervous system .....	5	2	7	..	..	..	5	2	7	..	..	..	..	..	..
Psychoneuroses .....	15	51	66	..	12	12	14	36	50	1	3	4	..	..	..
Manic-depressive psychoses .....	73	84	157	10	42	52	61	40	101	2	2	4	..	..	..
Dementia praecox (schizophrenia) .....	43	43	86	..	2	2	41	40	81	2	1	3	..	..	..
Paranoia and paranoid conditions .....	5	8	13	..	..	..	5	7	12	..	1	1	..	..	..
Psychoses with psychopathic personality .....	2	2	4	..	1	1	2	1	3	..	..	..	..	..	..
Psychoses with mental deficiency .....	8	12	20	..	..	..	8	12	20	..	..	..	..	..	..
Undiagnosed psychoses .....	15	8	23	1	..	1	13	8	21	1	..	1	..	..	..
Without psychoses .....	125	27	152	..	..	..	..	..	..	..	..	..	125	27	152
Alcoholism .....	87	3	90	..	..	..	..	..	..	..	..	..	87	3	90
Drug addiction .....	3	7	10	..	..	..	..	..	..	..	..	..	3	7	10
Mental deficiency .....	11	4	15	..	..	..	..	..	..	..	..	..	11	4	15
Others .....	9	5	14	..	..	..	..	..	..	..	..	..	9	5	14
Psychopathic personality .....	15	6	21	..	..	..	..	..	..	..	..	..	15	6	21
Primary behavior disorders .....	..	2	2	..	..	..	..	..	..	..	..	..	..	2	2
<b>TOTAL</b> .....	411	307	718	18	69	87	257	203	460	11	8	19	125	27	152

DISCHARGES OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
AND CONDITION ON DISCHARGE

COLORED RACE

PSYCHOSES	Total			Recovered			Improved			Unimproved			Without Psychoses		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	16	4	20	..	..	..	16	4	20	..	..	..	..	..	..
Alcoholic psychoses .....	2	1	3	1	..	1	1	1	2	..	..	..	..	..	..
Traumatic psychoses .....	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..
Psychoses with cerebral arteriosclerosis .....	11	5	16	..	..	..	11	5	16	..	..	..	..	..	..
Psychoses with other disturbances of circulation .....	14	9	23	..	3	3	14	5	19	..	1	1	..	..	..
Psychoses with convulsive disorders (epilepsy) .....	5	3	8	..	..	..	5	3	8	..	..	..	..	..	..
Senile psychoses .....	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..
Involucional psychoses .....	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..
Psychoses due to other metabolic, etc., diseases .....	6	14	20	..	10	12	4	4	8	..	..	..	..	..	..
Manic-depressive psychoses .....	31	54	85	15	31	46	16	23	39	..	..	..	..	..	..
Dementia praecox (schizophrenia) .....	40	33	73	4	1	5	36	28	64	..	4	4	..	..	..
Psychoses with mental deficiency .....	8	7	15	..	6	6	8	1	9	..	..	..	..	..	..
Undiagnosed psychoses .....	1	1	2	..	..	..	1	1	2	..	..	..	..	..	..
Without psychoses .....	23	17	40	..	..	..	..	..	..	..	..	..	23	17	40
Epilepsy .....	1	1	2	..	..	..	..	..	..	..	..	..	1	1	2
Alcoholism .....	2	2	4	..	..	..	..	..	..	..	..	..	2	2	4
Mental deficiency .....	11	6	17	..	..	..	..	..	..	..	..	..	11	6	17
Others .....	8	7	15	..	..	..	..	..	..	..	..	..	8	7	15
Psychopathic personality .....	1	1	2	..	..	..	..	..	..	..	..	..	1	1	2
TOTAL .....	158	150	308	22	52	74	113	75	188	..	6	6	23	17	40



**CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
WHITE RACE**

CAUSE OF DEATH	Total		Senile			With cerebral arteriosclerosis			Syphilitic meningo-encephalitis			Alcoholic			Manic-depressive			Involutional psychoses			Dementia praecox			Paranoia and paranoid conditions			Convulsive disorders (epilepsy)			Psychoneuroses			With psychopathic personality			With mental deficiency			All other psychoses			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T						
Epidemic, Endemic and Infectious Diseases																																										
Tuberculosis of the respiratory system	4	5	9																			3	3	6											1	1	1	1	2			
Tuberculosis of lungs, hips and vertebral column		1	1																																							
General Diseases not Included in Class I																																										
Cancer and other malignant tumors	2	4	6				1	1																			1	1							1	2	3					
Tumor (non-cancerous) brain		1	1																																		1	1				
Pellagra		2	2																																		2	2				
Arthritis deformans		2	2																																1	1	1	1				
Alcoholism	3		3										3		3																											
Diseases of the Nervous System																																										
Cerebral hemorrhage, apoplexy	6	3	9				3	1	4													1	1	2										2	2		1	1				
General paralysis of the insane	10		10							10		10																														
Exhaustion—mental excitement	12	14	26										1		1	9	8	17				1	2	3		1	1										1	2	3			
Epilepsy	3	3	6																								3	3	6													
Paralysis agitans	1		1										1																								1	1				
Diseases of the Circulatory System																																										
Coronary thrombosis	1	3	4															1	1					1	1												1	1				
Endocarditis and myocarditis	8	8	16	1	2	3		3	3									1	1	2				2	2	4	2		2								1	1				
Angina pectoris	1		1																																							
Arteriosclerosis	33	18	51	7	7	14	18	4	22													1	1	2		2	2		1	1					1	1	1	5	2	7		
Pernicious anemia	1		1										1		1																											
Diseases of the Respiratory System																																										
Broncho pneumonia	1	5	6				1	1	1	1	2							1	1																		2	2				
Lobar pneumonia	3	2	5	1		1																1	1	2					1	1	2											
Diseases of the Digestive System																																										
Perforated gastric ulcer	1		1																																		1	1				
Hernia-strangulated		1	1																				1	1																		
Intestinal parasites		1	1																				1	1																		
Non-Veneral Diseases of Genito-Urinary System and Annexa																																										
Nephritis	2	3	5																				1	1	2												1	1	2			
Other Diseases not Included in Above Groups—Prematurity		1	1																																			1	1			
External Causes																																										
Suicide—strangulation by hanging	1	3	4															2	2		1	1	2																			
Suicide—drank lye before admission	1		1																																							
TOTAL	94	80	174	9	10	19	22	10	32	10		10	5		5	12	13	25	2	3	5	10	12	22	2	2	4	4	8	12		2	2	2		2	4	3	7	12	17	29

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
COLORED RACE

CAUSE OF DEATH	Total			Senile			With cerebral arteriosclerosis			Syphilitic meningo-encephalitis			Alcoholic			Manic-depressive			Involuntal psychoses			Dementia praecox			Paranoia and paranoid conditions			Convulsive disorders (epilepsy)			Psychoneuroses			With psychopathic personality			With mental deficiency			All other psychoses		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Epidemic, Endemic and Infectious Diseases																																										
Typhus fever .....		1	1													1	1																									
Erysipelas .....	1		1							1	1																															
Tuberculosis of the respiratory system .....	21	13	34													1	1	2				8	10	18			4	1	5		1	1				2	2	6		6		
Syphilis (non-nervous forms) .....		4	4		1	1		1	1																																	
Purulent infection, septicaemia .....	2		2	2		2			1	1																																
General Diseases not Included in Class I																																										
Cancer and other malignant tumors .....		3	3		3	1	1															2	2																			
Pellagra .....		3	3		3				1	1																																
Diabetes .....			1	1						1	1																															
Diseases of the Nervous System																																										
Cerebral hemorrhage, apoplexy .....	5		5					2		2												1	1																			
General paralysis of the insane .....	27	3	30							27	3	30																														
Exhaustion from mental excitement .....	12	12	24							1	1					1	6	7				4	3	7	1	1																
Epilepsy .....		5	3	8						1	1																	4	2	6												
Diseases of the Circulatory System																																										
Myocarditis .....	6	4	10		1	1		1	1																																	
Other diseases of the heart .....		1	1													1	1																									
Arteriosclerosis .....	21	8	29	3	4	7	11	2	13									1	1																							
Diseases of the Respiratory System																																										
Broncho pneumonia .....		1	1					1	1																																	
Lobar pneumonia .....	9		9							3	3										2	2																				
Diseases of the Digestive System																																										
Rupture of stomach .....		1	1																																							
Intestinal obstruction .....	1	2	3																			1	1				1	1														
Intestinal parasites .....		1	1																				1	1																		
Non-Veneral Diseases of Genito-Urinary System and Annexa																																										
Nephritis .....	1		1																			1	1																			
TOTAL .....	111	61	172	5	7	12	13	6	19	32	3	35				2	10	12				16	18	34	1	1	9	3	12		1	1				3	1	4	30	12		



AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
WHITE RACE

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years			30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years			60-64 years			65-69 years			70 years and over		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Psychoses with syphilitic meningo-encephalitis (general paresis) . . .	10	..	10	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	
Alcoholic psychoses . . . . .	5	..	5	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	..	1	
Psychoses with cerebral arteriosclerosis . . . . .	22	10	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with other disturbances of circulation . . . . .	4	4	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with convulsive disorders (epilepsy) . . . . .	4	8	12	..	..	..	..	..	..	1	..	1	..	1	..	1	..	2	2	..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Senile psychoses . . . . .	9	10	19	..	..	..	..	..	..	1	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Involuntary psychoses . . . . .	2	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses due to other metabolic, etc., diseases . . . . .	1	4	5	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses associated with organic changes of the nervous system . .	1	3	4	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoneuroses . . . . .	..	2	2	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Manic-depressive psychoses . . . . .	12	13	25	..	..	..	..	..	..	..	..	1	1	2	1	1	1	1	2	3	1	3	4	..	2	2	3	1	4	3	1	1	5	1	1	1	1	1	1	1	1	
Dementia praecox (schizophrenia) . . . . .	10	12	22	..	..	..	..	..	..	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Paranoia and paranoid conditions . . . . .	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with psychopathic personality . . . . .	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with mental deficiency . . . . .	4	3	7	..	..	..	1	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Undiagnosed psychoses . . . . .	2	4	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Without psychoses . . . . .	4	2	6	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
TOTAL . . . . .	94	80	174	..	1	1	1	..	1	2	3	5	3	3	6	4	2	6	4	5	9	8	7	15	2	8	10	16	7	23	15	8	23	12	6	18	11	11	22	16	19	35

AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES  
COLORED RACE

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years			30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years			60-64 years			65-69 years			70 years and over			Unascertained		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T						
Psychoses with syphilitic meningo-encephalitis (general paresis) .....	32	3	35	..	..	..	..	..	..	2	..	2	1	..	1	5	1	6	7	1	8	1	..	1	5	..	5	3	3	3	..	1	3	2	..	2	1	..	..	..	..	..	..		
Psychoses with cerebral arteriosclerosis .....	13	6	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	1	1	1	2	2	3	1	4	2	1	3	2	..	2	1	..	..	..			
Psychoses with other disturbances of circulation .....	17	1	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	1	..	..	6	3	..	3	1	..	1	..	..	..			
Psychoses with convulsive disorders (epilepsy) .....	9	3	12	..	1	1	1	..	1	2	..	2	2	1	3	1	1	2	1	..	1	..	..	..	1	1	1	1	1	1	..	..	..	1	1	..	1	4	2	3	5	..	..		
Senile psychoses .....	5	7	12	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	1	1	2	..	..	..	..	..	1	1	1	1	..	1	1	..	1	1	..	..	..	..	..	..	..		
Psychoses due to other metabolic, etc., diseases .....	3	6	9	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	1	1	2	..	..	..	2	2	1	1	1	1	..	1	1	..	..	..	1	1	..	..	..	..	..		
Psychoses associated with organic changes of the nervous system .....	1	1	2	..	..	..	..	..	..	..	..	1	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoneuroses .....	2	1	1	..	..	..	..	1	1	..	..	2	..	2	1	2	3	..	..	..	..	..	..	1	1	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..		
Manic-depressive psychoses .....	2	10	12	..	..	..	1	1	..	2	..	2	..	2	1	2	3	..	..	..	..	..	..	1	1	1	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..		
Dementia praecox (schizophrenia) .....	16	18	34	..	..	..	3	3	4	..	4	1	3	4	3	3	6	2	2	4	..	..	1	1	1	3	4	1	4	5	1	1	1	..	1	1	..	..	1	1	..	..	..		
Paranoia and paranoid conditions .....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with mental deficiency .....	3	1	4	..	..	..	..	..	..	2	1	3	..	1	..	1	..	..	..	1	..	..	..	2	2	..	..	1	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	
Undiagnosed psychoses .....	5	2	7	..	..	..	..	..	..	2	1	3	..	1	..	..	..	..	1	..	1	..	1	1	2	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	1	..	1	
Without psychoses .....	4	2	6	..	..	..	1	..	1	2	1	3	..	1	1	..	..	..	..	..	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
TOTAL .....	111	61	172	..	1	1	5	1	6	13	4	17	6	7	13	11	8	19	12	5	17	7	3	10	10	8	18	12	9	21	7	4	11	8	4	12	13	4	17	6	3	9	1	..	1



TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL  
WHITE RACE

PSYCHOSES	Total			Less than 1 month			1-3 months			4-7 months			8-12 months			1-2 years			3-4 years			5-6 years			7-8 years			9-10 years			11-12 years			13-14 years			15-19 years			20 years and over		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Psychoses with syphilitic meningo-encephalitis (general paresis) ..	10	..	10	..	..	..	2	..	2	..	..	..	3	..	3	2	..	2	1	..	1	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..		
Alcoholic psychoses .....	5	..	5	3	..	3	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoses with cerebral arteriosclerosis .....	22	10	32	4	..	4	1	..	1	3	1	4	..	1	11	4	15	..	1	3	4	..	1	1	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoses with other disturbances of circulation .....	4	4	8	..	2	2	1	1	2	..	1	1	..	1	1	2	..	2	..	1	..	1	1	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoses with convulsive disorders (epilepsy) .....	4	8	12	..	..	..	1	1	1	..	..	..	2	..	1	1	1	8	..	..	1	1	1	1	..	1	..	1	1	1	1	2	..	..	..	1	1	..	2	..		
Senile psychoses .....	9	10	19	2	..	2	2	1	3	3	1	1	2	..	1	3	1	7	8	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Involutional psychoses .....	2	3	5	..	1	1	1	1	2	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Psychoses due to other metabolic, etc., diseases .....	1	4	5	..	..	1	2	3	3	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..		
Psychoses associated with organic changes of the nervous system ..	1	3	4	..	..	..	1	1	..	1	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..		
Psychoneuroses .....	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Manic-depressive psychoses .....	12	13	25	5	5	10	1	2	3	2	1	3	..	1	1	2	1	3	..	..	..	..	..	1	1	1	..	1	1	1	1	1	1	1	1	1	1	1	..	1	..	
Dementia praecox (schizophrenia) .....	10	12	22	1	1	2	..	..	..	..	..	..	1	..	1	..	..	..	2	2	..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	8	10	..	
Paranoia and paranoid conditions .....	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	1	2	2	2	..
Psychoses with psychopathic personality .....	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Psychoses with mental deficiency .....	4	3	7	1	..	1	1	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2	2	2	2	..	..	
Undiagnosed psychoses .....	2	4	6	1	3	4	..	..	1	1	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	1	1	..	..	..	
Without psychoses .....	4	2	6	1	1	2	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	1	..	
TOTAL .....	94	80	174	18	13	31	11	8	19	7	6	13	7	5	12	20	17	37	4	6	10	1	3	4	6	1	7	4	1	5	2	2	4	2	1	3	7	2	9	5	15	20

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL  
COLORED RACE

PSYCHOSES	Total		Less than 1 month		1-3 months		4-7 months		8-12 months		1-2 years		3-4 years		5-6 years		7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over					
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
Psychoses with syphilitic meningo-encephalitis (general paresis) ..	32	3	35	6	..	6	7	3	10	2	..	2	6	..	6	6	..	6	2	..	2	..	1	..	1	1	..	1	..	1		
Psychoses with cerebral arteriosclerosis .....	13	6	19	1	2	3	3	3	6	2	..	2	3	3	1	3	..	3	1	..	1	..	1	..	1	..	1	..	1	..		
Psychoses with other disturbances of circulation .....	17	1	18	1	..	1	3	..	3	1	..	1	4	..	4	..	4	1	..	1	..	1	..	1	..	1	..	1	..	1		
Psychoses with convulsive disorders (epilepsy) .....	9	3	12	..	1	1	..	..	1	..	1	..	..	3	1	4	1	1	2	..	2	..	1	..	1	..	1	..	1	..		
Senile psychoses .....	5	7	12	1	1	2	2	1	3	1	..	1	1	..	1	..	2	2	..	2	..	1	..	1	..	1	..	1	..	1		
Psychoses due to other metabolic, etc., diseases .....	3	6	9	2	2	4	..	1	1	..	1	1	..	..	..	..	1	1	..	..	..	..	..	1	1	2	..	..	..			
Psychoses associated with organic changes of the nervous system ..	1	1	2	..	..	..	..	..	..	..	..	1	..	1	..	1	1	..	..	..	..	..	..	1	1	..	..	..	..			
Psychoneuroses .....	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..		
Manic-depressive psychoses .....	2	10	12	..	4	4	..	3	3	..	1	1	1	..	1	..	..	1	1	1	..	1	1	..	1	1	..	..	..	..		
Dementia praecox (schizophrenia) .....	16	18	34	1	..	1	1	..	1	1	1	2	1	..	1	4	3	7	2	2	4	1	1	2	..	2	2	1	2	2	4	6
Paranoia and paranoid conditions .....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	1	1	..	..	..	..	
Psychoses with mental deficiency .....	3	1	4	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	1	..	..	..	1	1	..	..	..	..	
Undiagnosed psychoses .....	5	2	7	5	2	7	..	..	..	..	..	..	3	1	4	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	
Without psychoses .....	4	2	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
TOTAL .....	111	61	172	17	12	29	16	11	27	8	3	11	16	..	16	24	8	32	9	7	16	6	1	7	2	5	7	3	4	7	3	..



# AGES AND DURATION IN HOSPITAL OF THOSE DYING OF PELLAGRA

	Total					35—39 Years					40—44 Years					65—69 Years				
	W. M.	W. F.	C. M.	C. F.	Total	W. M.	W. F.	C. M.	C. F.	Total	W. M.	W. F.	C. M.	C. F.	Total	W. M.	W. F.	C. M.	C. F.	Total
Less than one month .....	..	..	..	1	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
1—3 months .....	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1—2 years .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15—19 years .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL .....	..	2	..	3	5	..	..	..	1	1	..	..	..	2	2	..	2	..	..	2

# COMPARISON OF DEATHS FROM PELLAGRA WITH OTHER CAUSES

Month	White Males					White Females					Total White					Colored Males					Colored Females					Total Colored					Total White and Colored				
	Cause of Death			Relative Per Cent		Cause of Death			Relative Per Cent		Cause of Death			Relative Per Cent		Cause of Death			Relative Per Cent		Cause of Death			Relative Per Cent		Cause of Death			Relative Per Cent		Cause of Death			Relative Per Cent	
				100 Pc.					100 Pc.					100 Pc.					100 Pc.					100 Pc.					100 Pc.					100 Pc.	
	Total	Pellagra	All Other Causes	Pellagra	All Other Causes	Total	Pellagra	All Other Causes	Pellagra	All Other Causes	Total	Pellagra	All Other Causes	Pellagra	All Other Causes	Total	Pellagra	All Other Causes	Pellagra	All Other Causes	Total	Pellagra	All Other Causes	Pellagra	All Other Causes	Total	Pellagra	All Other Causes	Pellagra	All Other Causes	Total	Pellagra	All Other Causes	Pellagra	All Other Causes
July .....	3	..	3	..	..	12	..	12	..	..	5	..	5	..	..	7	..	7	..	..	5	2	3	..	..	12	2	10	..	..	17	2	15	..	..
August .....	6	..	6	..	..	23	..	23	..	..	9	..	9	..	..	12	..	12	..	..	8	..	8	..	..	19	..	19	..	..	28	..	28	..	..
September .....	4	..	4	..	..	5	..	5	..	..	9	..	9	..	..	8	..	8	..	..	6	..	6	..	..	14	..	14	..	..	23	..	23	..	..
October .....	11	..	11	..	..	7	..	7	..	..	18	..	18	..	..	10	..	10	..	..	9	1	1	..	..	19	1	18	..	..	37	1	36	..	..
November .....	6	..	6	..	..	7	..	7	..	..	13	..	13	..	..	7	..	7	..	..	12	..	12	..	..	9	..	9	..	..	23	..	23	..	..
December .....	7	..	7	..	..	14	..	14	..	..	21	..	21	..	..	12	..	12	..	..	10	17	..	..	..	17	..	17	..	..	38	..	38	..	..
January .....	9	..	9	..	..	9	1	8	..	..	18	1	17	..	..	12	..	12	..	..	10	21	..	..	..	21	..	21	..	..	39	1	38	..	..
February .....	11	..	11	..	..	7	1	6	..	..	18	1	17	..	..	13	..	13	..	..	18	..	18	..	..	18	..	18	..	..	36	1	35	..	..
March .....	13	..	13	..	..	10	..	10	..	..	23	..	23	..	..	7	..	7	..	..	10	..	10	..	..	10	..	10	..	..	33	..	33	..	..
April .....	9	..	9	..	..	5	..	5	..	..	14	..	14	..	..	7	..	7	..	..	4	..	4	..	..	11	..	11	..	..	25	..	25	..	..
May .....	5	..	5	..	..	7	..	7	..	..	12	..	12	..	..	7	..	7	..	..	9	..	9	..	..	9	..	9	..	..	21	..	21	..	..
June .....	10	..	10	..	..	4	..	4	..	..	14	..	14	..	..	9	..	9	..	..	4	..	4	..	..	13	..	13	..	..	27	..	27	..	..
TOTAL ...	94	..	94	..	100.	80	2	78	2.5	98.5	174	2	172	1.15	98.85	111	..	111	..	100.	61	3	58	4.9	95.1	172	3	169	17.4	82.6	346	5	341	1.44	98.6



## RESULTS OF PELLAGRINS ADMITTED

	White Males	White Females	Total White	Colored Males	Colored Females	Total Colored	Total White and Colored
Dead .....	..	1	1	..	2	2	3
Discharged .....	23	..	3	1	..	1	4
Out on Parole .....	2	4	6	..	1	1	7
Still in Hospital .....	..	3	3	1	7	8	11
<b>TOTAL .....</b>	<b>5</b>	<b>8</b>	<b>13</b>	<b>2</b>	<b>10</b>	<b>12</b>	<b>25</b>

## OCCUPATIONS AND DAILY AVERAGE NUMBER OF PATIENTS OCCUPIED

	White Males	White Females	Colored Males	Colored Females	Total
Baggage room .....	1	4	..	..	5
Bakery .....	12	..	..	..	12
Barber shop .....	3	1	..	..	4
Broom making .....	1	..	..	..	1
Carbolizing detail .....	9	..	8	..	17
Cleaning walls .....	6	..	..	..	6
Coal pile and detail .....	24	..	12	..	36
Dairy .....	1	..	6	..	7
Dental office .....	1	..	..	..	1
Diet kitchen .....	..	2	..	..	2
Dining room .....	80	85	50	46	261
Fancy work .....	..	35	..	..	35
Farm .....	40	..	130	..	170
Firemen .....	..	..	3	..	3
Fish detail .....	12	..	..	..	12
Florist .....	4	..	5	..	9
Garbage .....	4	..	4	..	8
Garden, vegetable .....	5	..	12	..	17
Herdsmen .....	..	..	2	..	2
Hog feeders .....	..	..	2	..	2
Kitchen .....	30	..	40	25	95
Laboratory .....	2	..	..	..	2
Laundry .....	1	..	20	32	53
Library .....	..	2	..	..	2
Mattress making .....	4	..	..	..	4
Musicians .....	6	..	..	..	6
Offices and halls—cleaning .....	3	1	..	..	4
Offices—clerical .....	..	1	..	..	1
Painters .....	3	..	..	..	3
Printers .....	2	..	..	..	2
Scrubbers .....	6	..	..	50	56
Sewer Cleaners .....	6	..	4	..	10
Sewing on ward .....	1	..	..	..	1
Sewing room .....	2	44	..	56	102
Stairways .....	4	..	..	..	4
Storeroom .....	10	..	..	..	10
Trucks and wagons .....	1	..	9	..	10
Vegetable house .....	..	30	..	53	83
Ward work .....	220	211	241	175	847
Wood yard and cutting .....	2	..	10	..	12
Yard detail .....	20	6	10	9	45
<b>TOTAL .....</b>	<b>526</b>	<b>422</b>	<b>568</b>	<b>446</b>	<b>1,962</b>

## RESIDENCE OF PATIENTS PRESENT JUNE 30, 1940

COUNTIES	White Males	Colored Males	White Females	Colored Females	Total
Abbeville .....	14	16	23	14	67
Aiken .....	40	39	32	25	136
Allendale .....	16	13	8	5	42
Anderson .....	64	31	74	25	194
Bamberg .....	5	9	5	20	39
Barnwell .....	9	24	4	18	59
Beaufort .....	5	22	4	17	48
Berkeley .....	9	21	12	16	58
Calhoun .....	10	19	10	14	53
Charleston .....	64	99	80	78	321
Cherokee .....	21	13	24	13	71
Chester .....	30	23	24	27	104
Chesterfield .....	27	19	24	15	85
Clarendon .....	14	22	15	30	81
Colleton .....	31	21	17	23	92
Darlington .....	30	27	29	23	109
Dillon .....	8	8	19	8	43
Dorchester .....	8	14	10	20	52
Edgefield .....	8	19	8	16	51
Fairfield .....	15	19	11	20	65
Florence .....	19	34	31	33	117
Georgetown .....	10	29	7	18	64
Greenville .....	88	45	101	35	269
Greenwood .....	31	30	34	19	114
Hampton .....	6	9	7	11	33
Horry .....	23	12	22	8	65
Jasper .....	2	12	3	8	25
Kershaw .....	21	23	16	27	87
Lancaster .....	20	14	25	17	76
Laurens .....	36	31	25	16	108
Lee .....	13	12	14	16	55
Lexington .....	23	13	42	5	83
Marion .....	13	16	22	22	73
Marlboro .....	10	29	16	25	80
McCormick .....	3	5	3	8	19
Newberry .....	20	14	19	17	70
Oconee .....	22	11	26	7	66
Orangeburg .....	23	47	34	48	152
Pickens .....	41	5	33	8	87
Richland .....	76	78	99	92	345
Saluda .....	11	10	11	5	37
Spartanburg .....	102	48	110	53	313
Sumter .....	21	41	21	43	126
Union .....	26	13	25	14	78
Williamsburg .....	13	27	8	26	74
York .....	37	28	42	36	143
TOTAL .....	1,138	1,114	1,233	1,044	4,529



## RESIDENCE OF PATIENTS RECEIVED FROM JULY 1, 1939 THROUGH JUNE 30, 1940

COUNTIES	White Males	Colored Males	White Females	Colored Females	Total
Abbeville .....	6	4	2	4	16
Aiken .....	9	14	11	3	37
Allendale .....	1	2	1	3	8
Anderson .....	15	2	7	3	30
Bamberg .....	3	2	..	1	6
Barnwell .....	8	4	6	2	20
Beaufort .....	3	9	..	..	12
Berkeley .....	6	2	..	4	12
Calhoun .....	2	3	2	2	9
Charleston .....	19	28	22	21	90
Cherokee .....	10	3	8	3	24
Chester .....	9	1	8	3	21
Chesterfield .....	13	7	10	6	36
Clarendon .....	7	8	6	4	25
Colleton .....	10	7	6	4	27
Darlington .....	15	6	10	5	36
Dillon .....	6	5	3	1	15
Dorchester .....	5	4	1	1	11
Edgefield .....	3	4	3	4	14
Fairfield .....	2	6	1	3	12
Florence .....	13	5	8	4	30
Georgetown .....	6	4	2	3	15
Greenville .....	46	14	36	16	112
Greenwood .....	11	5	10	1	27
Hampton .....	5	4	1	2	12
Horry .....	10	3	12	2	27
Jasper .....	2	4	..	..	6
Kershaw .....	6	2	8	5	21
Lancaster .....	10	3	10	4	27
Laurens .....	13	7	13	5	38
Lee .....	2	4	3	3	12
Lexington .....	19	1	7	..	27
Marion .....	9	1	2	6	18
Marlboro .....	4	9	2	6	21
McCormick .....	1	1	..	1	3
Newberry .....	11	3	7	6	27
Oconee .....	5	..	10	..	15
Orangeburg .....	10	12	7	12	41
Pickens .....	10	..	15	..	25
Richland .....	35	18	30	18	101
Saluda .....	6	1	3	4	14
Spartanburg .....	50	8	33	10	101
Sumter .....	11	8	3	9	31
Union .....	9	2	9	6	26
Williamsburg .....	4	3	5	5	17
York .....	17	6	11	9	43
TOTAL .....	477	253	354	214	1,298

## TREASURER'S REPORT

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June 30, 1940

*C. F. Williams, M. D., Superintendent, South Carolina State  
Hospital, Columbia, S. C.*

Dear Sir:

I am attaching the financial report for the year July 1, 1939-June 30, 1940.

### INCOME

Our income, consisting of the following:

Appropriation .....	\$1,143,717.00
Deficiency Appropriation \$20,000.00 divided thus:	
Maintenance .....	9,311.00
Permanent Improvement \$10,689.00	
Fees \$37,147.50:	
Deposited to Bond Account \$9,340.00	
Available for maintenance.....	27,807.50
	<hr/>
	\$1,180,835.50

proved sufficient for our needs.

### COST OF OPERATION

The net expenditure for maintenance is \$1,180,835.50. The daily average population is 4480 and the daily per capita cost .7201.

The remainder of the Deficiency Appropriation, viz: \$10,689.00, is being held as our contribution to a Works Progress Administration project for the erection of an Administration Building and Nurses Home at State Park.

### FARM OPERATIONS

The dairy and each of the farms continue to show a profit, the total for all four units being \$29,886.94.

The Hospital has been again the grateful recipient of considerable help from the Works Progress Administration.

Yours respectfully,

H. T. PATTERSON,  
Treasurer.



## GENERAL INFORMATION

July 1, 1939 - June 30, 1940

1. Date of opening as a hospital for mental diseases: December 18, 1827  
(Date of founding of institution: December 21, 1821)
2. Type of hospital: State
3. Value of hospital property:
 

Real estate (including buildings) .....	\$3,724,157.00
Personal property .....	488,948.00
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Total .....	\$4,213,105.00
- Total acreage of hospital property owned (including farms, grounds, gardens, and sites occupied by buildings) ..... 2,707.52
- Additional acreage rented (woods for shade)..... 3
- Total acreage under cultivation during previous year (includes land owned and cultivated)..... 928

## 4. OFFICERS AND EMPLOYEES

	Actually in service at end of year			Vacancies at end of year		
	M	F	T	M	F	T
Superintendents .....	1	---	---	---	---	---
Assistant Physicians.....	16	1	17	1	---	1
<hr/>						
Total Physicians.....	17	1	18	1	---	1
Stewards .....	2	---	2			
Laboratory Technicians.....	2	---	2			
Dentists .....	1	---	1			
Pharmacists .....	1	---	1			
Social Workers.....	---	2	2			
Chaplains .....	1	---	1			
Graduate Nurses.....	---	50	50			
Other Nurses and Attendants....	182	235	417			
Teachers of Occupa. Therapy....	---	5	5			
All Other Officers and Em- ployees .....	240	74	314			
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Total Officers and Em- ployees .....	446	367	813			
5. Patients employed in industrial classes or in gen- eral hospital work on date of report.....				1094	868	1962
6. Average daily number of all patients actually in in- stitution during the year.....				2212	2268	4480
7. Voluntary patients admitted during the year.....				33	17	50
8. Persons given advice or treatment in outpatient clinics during the year.....				319	363	682

# FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1940

## Receipts

Balance on hand from previous fiscal year.....	\$35,000.00
Received from appropriations.....	1,163,717.00
Received from paying patients.....	34,995.38
Received from all other sources.....	2,152.12
Total receipts.....	<u>\$1,235,864.50</u>

## Disbursements

### 1. Expenditures for maintenance:

Salaries and wages.....	\$465,001.76
Provisions .....	349,136.63
Fuel, light and water.....	97,556.04
All other expenditures for maintenance....	269,141.07

Total expenditures for maintenance..... \$1,180,835.50

### 2. Expenditures for all purposes other than maintenance, including new buildings, other additions and permanent betterments:

Building Revenue and Bond Interest Redemption Fund .....	9,340.00
---	----------

Total expenditures..... \$1,190,175.50

### Balance on hand at close of fiscal year:

1939-1940 Appropriation for W. P. A. Project.....	10,689.00
Revolving Fund.....	35,000.00

Total disbursements (including balance on hand)..... \$1,235,864.50

## Receipts

Revolving funds from previous year.....	\$35,000.00
From paying patients.....	34,995.38
From dairy and farms.....	593.43
From diversional occupation department.....	234.00
From sundry sources.....	1,324.69

### From appropriations:

Maintenance .....	1,053,073.08
Dairy .....	44,440.87
Columbia Farm.....	14,278.96
Moore Farm.....	7,745.96
Pel Farm.....	33,489.13
1939-1940 Appropriation on hand for W. P. A. Project..	10,689.00

Total receipts..... \$1,235,864.50



## Disbursements

Paid for following activities:

Maintenance .....	\$1,080,880.58
Dairy .....	44,440.87
Columbia Farm.....	14,278.96
Moore Farm.....	8,845.96
Pel Farm.....	33,489.13
Building Revenue Bond and Interest Redemption Fund.....	9,340.00
1939-1940 appropriation on hand for W. P. A. Project.....	10,689.00
Revolving Fund on hand at close of fiscal year.....	35,000.00
Total disbursements.....	\$1,235,864.50

## BUILDING REVENUE BOND

August 1, 1938 - July 31, 1954

\$80,000.00 - 4%

Statement of condition of Building Revenue Bond and Interest Redemption Fund, for year ended June 30, 1940:

July 1, 1939, balance on hand.....	\$ 1,920.00
Received from paying patients.....	9,340.00
Total receipts.....	\$11,260.00
Paid for the following:	
July 31, 1939, interest.....	\$1,600.00
January 31, 1940, interest.....	1,600.00
	3,200.00
June 30, 1940, balance on hand.....	\$ 8,060.00
(For \$5,000.00 bond retirement, interest and surplus)	

## DAIRY REPORT: 1939-1940

## Credits

Animals caught in fields.....	\$ 2.00
Animals sold.....	463.75
Beef: 23,408 pounds @ .12.....	2,808.36
Compost .....	1,721.01
Ensilage .....	52.50
Feed sold.....	20.78
Hides and tallow.....	257.10
Milk: 215,002.17 gallons @ .25 to Hospital.....	53,750.54
Sacks (empty).....	147.25
Seeds and plants sold.....	12.00
Pure bred cattle on hand June 30, 1940.....	35,875.00

Grade cattle on hand June 30, 1940.....	3,190.00
Work animals (6) on hand June 30, 1940.....	1,390.00
Dairy and farm implements on hand June 30, 1940.....	1,853.70
Fertilizer on hand June 30, 1940.....	314.21
Feed on hand June 30, 1940.....	5,058.68
	<hr/>
	\$106,916.88

### DAIRY REPORT: 1939-1940

#### Debits

Pure bred cattle on hand July 1, 1939.....	\$ 32,845.00
Grade cattle on hand July 1, 1939.....	2,915.00
Work animals (6) on hand July 1, 1939.....	1,290.00
Dairy and farm implements on hand July 1, 1939.....	1,788.20
Fertilizer on hand July 1, 1939.....	256.68
Feed on hand July 1, 1939.....	6,022.97
Agricultural and botanical supplies.....	530.06
Bedding .....	888.77
Board of attendants and laborers.....	2,730.00
Depreciation of plant.....	675.25
Equipment .....	194.56
Feed .....	34,588.28
Freight and express.....	2,296.47
Hauling .....	671.44
Horse shoeing.....	17.72
Insurance on buildings.....	305.61
Interest on amount invested in cattle.....	600.00
Kerosene, gasoline, oil.....	63.25
Materials for repairs to equipment, etc.....	304.24
Miscellaneous supplies.....	281.85
Pasture .....	658.00
Pay roll.....	12,634.71
Plowing (tractor).....	76.50
Registration fees.....	273.38
Rent of land (102.48 acres @ 4.00).....	409.92
Seeds and plants.....	358.36
Slaughtering .....	68.00
Subscriptions to magazines.....	4.00
Testing cows for advanced registry.....	336.85
Veterinarian and veterinary supplies.....	173.36
Work animals purchased.....	225.00
Balance in favor of Dairy.....	2,433.45
	<hr/>
	\$106,916.88



## COLUMBIA FARM REPORT: 1939-1940

## Credits

Beans (butter—in hull): 155.08 bu. @ 1.00.....	\$ 155.08
Beans (string): 183 bu. @ .75.....	137.25
Beets: 179.16 bu. @ 1.50.....	268.74
Cabbage: 21,340 pounds @ .0125.....	266.75
Carrots: 102.64 bu. @ 1.00.....	102.64
Chitterlings .....	128.00
Collards: 8,181 pounds @ .0125.....	102.26
Compost .....	374.04
Corn (roasting ear): 892.4 dozen @ .10.....	89.24
Cucumbers: 3.48 bu. @ .60.....	2.09
Ensilage .....	5,848.20
Feed sold.....	194.03
Fertilizer .....	46.97
Hay .....	3,384.00
Hogs sold.....	31.40
Honey: 30 pounds @ .10.....	3.00
Okra: 626.5 bu. @ 1.00.....	626.50
Onions (spring): 454.51 bu. @ .85.....	386.33
Peas (English): 46.63 bu. @ 1.50.....	69.95
Pepper: 100.32 bu. @ .75.....	75.23
Plants and seeds sold.....	2.81
Pork: 110,544 pounds @ .115, plus "Feeder gains".....	13,026.75
Potatoes (Irish): 688.7 bu. @ 1.00.....	688.70
Sacks (empty).....	116.91
Salad: 661.25 bu. @ .50.....	330.63
Shucks .....	30.60
Slaughtering .....	681.50
Spinach: 91.5 bu. @ 1.00.....	91.50
Squash: 630.56 bu. @ .80.....	504.45
Tomatoes: 303.55 bu. @ .50.....	151.78
Turnips: 1,506.04 bu. @ .25 and .75.....	966.03
Bees on hand June 30, 1940.....	8.00
Implements and machinery on hand June 30, 1940.....	1,279.65
Fertilizer on hand June 30, 1940.....	373.27
Feed and seed on hand June 30, 1940.....	1,991.35
Hogs on hand June 30, 1940.....	4,425.00
Work animals (10) on hand June 30, 1940.....	1,980.00

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 \$38,940.63

## COLUMBIA FARM REPORT: 1939-1940

## Debits

Bees on hand July 1, 1939.....	\$ 12.00
Implements and machinery on hand July 1, 1939.....	1,146.40
Fertilizer on hand July 1, 1939.....	435.72
Feed and seed on hand July 1, 1939.....	2,288.40
Hogs on hand July 1, 1939.....	4,878.50
Work animals (10) on hand July 1, 1939.....	2,160.00
Agricultural and botanical supplies.....	1,346.30
Board of attendants and laborers.....	2,701.65
Depreciation on buildings.....	500.00
Equipment .....	55.29
Feed for hogs.....	4,231.01
Freight and express.....	6.24
Garbage .....	1,427.52
Hauling .....	87.56
Horse shoeing.....	30.75
Insurance on buildings.....	253.58
Interest on amount invested in hogs.....	36.00
Kerosene, gasoline, oil.....	120.00
Materials for repairs to equipment, etc.....	281.78
Miscellaneous supplies.....	58.14
Pay roll.....	7,683.85
Plowing (tractor).....	191.70
Rent of land (142.02 acres @ 4.00, plus cabins).....	738.08
Seeds and plants.....	489.70
Subscriptions to magazines.....	2.00
Veterinarian and veterinary supplies.....	202.87
Balance in favor of Columbia Farm.....	7,575.59
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	\$38,940.63

## MOORE FARM REPORT: 1939-1940

## Credits

Beans (butter—in hull): 89 bu. @ 1.00.....	\$ 89.00
Beans (string): 43 bu. @ .75.....	32.25
Bedding .....	732.62
Beets: 338 bu. @ 1.50.....	507.00
Cabbage: 36,550 pounds @ .0125.....	456.88
Cantaloupes: 1,239 dozen @ .40.....	495.60
Collards: 2,970 pounds @ .0125.....	37.13
Corn (roasting ear): 1,454 dozen @ .10.....	145.40
Corn (shelled): 826.12 bu. @ .25-.60-.77-.80.....	1,841.87
Cucumbers: 79 bu. @ .60.....	47.40
Feed .....	6,043.34
Hauling .....	1,436.00
Hay .....	2,182.50



Oats .....	78.00
Okra: 432 bu. @ 1.00.....	432.00
Onions (spring): 291 bu. @ .85.....	247.35
Pasture .....	658.00
Peas (English): 61 bu. @ 1.50.....	91.50
Peas (field-green): 24 bu. @ .50.....	12.00
Plants and seeds sold.....	370.81
Potatoes (Irish): 642 bu. @ 1.00.....	642.00
Potatoes (sweet): 4,012 bu. @ .75.....	3,009.00
Sacks (empty).....	6.00
Salad: 3,693 bu. @ .50.....	1,846.50
Shucks .....	77.99
Squash: 333 bu. @ .80.....	266.40
Tomatoes: 314 bu. @ .50.....	157.00
Turnips: 4,620 bu. @ .75.....	3,465.00
Watermelons: 9,007 @ .06.....	540.42
Implements and machinery on hand June 30, 1940.....	1,387.50
Work animals (15) on hand June 30, 1940.....	3,125.00
Feed and seed on hand June 30, 1940.....	2,940.00
Fertilizer on hand June 30, 1940.....	507.90

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\$33,907.36

### MOORE FARM REPORT: 1939-1940

#### Debits

Implements and machinery on hand July 1, 1939.....	\$ 1,435.75
Work animals (15) on hand July 1, 1939.....	3,105.00
Feed and seed on hand July 1, 1939.....	1,658.75
Fertilizer on hand July 1, 1939.....	611.76
Agricultural and botanical supplies.....	4,062.79
Board of attendants.....	300.60
Depreciation of plant.....	250.00
Equipment .....	27.73
Freight and express.....	6.38
Horse shoeing.....	17.51
Insurance on buildings.....	119.96
Materials for repairs to equipment, etc.....	300.64
Miscellaneous supplies.....	9.80
Pay roll.....	3,982.96
Plants and seeds.....	429.10
Plowing (tractor).....	292.05
Rent of land (400 acres @ 2.00, plus cabins).....	1,088.00
Subscriptions to magazines.....	2.00
Veterinarian and veterinary supplies.....	1.48
Work animals purchased.....	345.00
Balance in favor of Moore Farm.....	15,860.70

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\$33,907.36

# PEL FARM REPORT: 1939-1940

## Credits

Beef: 5,110 pounds @ .12.....	\$ 613.20
Cantaloupes: 3,439 dozen @ .40.....	1,375.60
Compost .....	90.00
Ensilage .....	1,176.00
Hauling .....	345.00
Hides and tallow.....	71.68
Milk: 103,264.89 gallons @ .25 to hospital.....	25,816.22
Mowing .....	720.00
Mutton: 1,379 pounds @ .08.....	110.32
Pork: 36,389 pounds @ .115.....	4,184.74
Potatoes (Irish): 2,969 bu. @ 1.00.....	2,969.00
Potatoes (sweet): 4,405 bu. @ .75.....	3,303.75
Sacks (empty).....	22.62
Watermelons: 24,567 @ .06.....	1,474.02
Implements and machinery on hand June 30, 1940.....	1,917.25
Hogs on hand June 30, 1940.....	2,015.50
Feed and seed on hand June 30, 1940.....	2,561.97
Work animals (23) on hand June 30, 1940.....	4,695.00
Pure bred cattle on hand June 30, 1940.....	6,010.00
Grade cattle on hand June 30, 1940.....	10,420.00
Fertilizer on hand June 30, 1940.....	633.93
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	\$70,525.80

# PEL FARM REPORT: 1939-1940

## Debits

Implements and machinery on hand July 1, 1939.....	\$ 1,742.00
Hogs on hand July 1, 1939.....	2,032.80
Feed and seed on hand July 1, 1939.....	2,894.00
Work animals (24) on hand July 1, 1939.....	4,880.00
Pure bred cattle on hand July 1, 1939.....	4,295.00
Grade cattle on hand July 1, 1939.....	9,090.00
Goats on hand July 1, 1939.....	30.75
Fertilizer on hand July 1, 1939.....	408.36
Agricultural and botanical supplies.....	5,984.59
Bedding .....	799.91
Board of attendants and laborers.....	2,010.00
Cattle purchased.....	5.00
Depreciation of plant.....	250.00
Equipment .....	479.59
Feed .....	16,038.42
Freight and express.....	289.28
Garbage .....	659.50
Hauling .....	136.45



Horse shoeing.....	46.53
Insurance on buildings.....	221.10
Interest on amount invested in cows.....	250.00
Interest on amount invested in hogs.....	12.00
Kerosene, gasoline, oil.....	19.28
Materials for repairs to equipment, etc.....	458.00
Miscellaneous supplies.....	139.94
Pay roll.....	9,122.10
Plowing (tractor).....	561.15
Registration fees.....	7.00
Rent of land (427 acres @ 2.00, plus cabins).....	1,070.00
Seeds and plants.....	1,269.28
Slaughtering .....	38.50
Testing cows for advanced registry.....	234.08
Veterinarian and veterinary supplies.....	268.99
Work animals purchased.....	765.00
Balance in favor of Pel Farm.....	4,017.20
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	\$70,525.80